

1874.

ROCKEY
DIARY



PUBLISHED

BY

SAMUEL WARD & CO

BOSTON.

USE WARD'S INK

Is a superior article in every respect.

IT FLOWS FREELY.

Is equally good for Writing and Copying.

Never Thickens or Moulds.

*And is of a bright strong
color when first opened, and turns
rapidly to a*

BEAUTIFUL BLACK,

WHICH WILL NEVER FADE OR DETERIORATE.

WARD'S

Diamond Steel Pens,

The proprietors of "Ward's Ink" desire to announce that they have received three new styles of Pens from the largest and best manufacturers in England, which will be known as "Ward's Diamond Steel Pens." These Pens are made specially for us by the most skilled workmen the world has ever produced. No expense has been spared to make them the most desirable of any pens that have ever been made. We know they are articles of merit, and we propose to advertise them till they are as well known to every man, woman, and child as is "Ward's Ink."

No. 1 is the smaller of the three—point fine—nib rather short—a flexible pen, which is especially adapted for schools or for persons who want a fine pen.

No. 2—Medium fine—quite stiff—a splendid pen for business men or for rapid writers.

No. 3—Medium point—flexible—a longer pen than No. 2, and not as stiff.

All these pens are finished in the very best of style—points ground with the greatest care—and we recommend them to all who are troubled to find a “good pen.”

Price \$1.25 per gross. Sent postpaid on receipt of price.
A sample dozen, assorted, sent on receipt of 15 cents.

JANUARY.

JULY.

[illegible]

FEBRUARY.

AUGUST.

1	2	3	4	5	6	7	..	..	..	..	..	..	1
8	9	10	11	12	13	14	2	3	4	5	6	7	8
15	16	17	18	19	20	21	9	10	11	12	13	14	15
22	23	24	25	26	27	28	16	17	18	19	20	21	22
..	..	..	..	..	..	..	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	31	..	..	..	..	..

MARCH.

SEPTEMBER.

[illegible]

APRIL.

OCTOBER.

[illegible]

MAY.

NOVEMBER.

[illegible]

JUNE.

DECEMBER.

..	1	2	3	4	5	6	..	..	1	2	3	4	5
7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	..	..	..	..	27	28	29	30	31	..	..
..

DIFFERENCE OF TIME.

The annexed table exhibits the Difference of Time between that of BOSTON. and the places therein named:

SLOW OF BOSTON.

	H	M	S
Albany, N.Y.....	10	44	
Augusta, Ga.....	43	22	
Baltimore, Md....	22	12	
Buffalo, N.Y.....	31	26	
Cairo, Ill.....	1	10	0
Charleston, S.C...	35	28	
Chicago, Ill.....	1	5	48
Cincinnati, Ohio..	53	34	
Cleveland, Ohio..	42	0	
Detroit, Mich....	47	56	
Galveston, Texas.	1	34	52
Honolulu, S.I.....	5	48	42
Indianapolis, Ind.	1	0	6
Louisville, Ky....	57	46	
Memphis, Tenn..	1	17	0
Middletown, Ct..	6	22	
Milwaukee, Wis..	1	7	34
Mobile, Ala.....	1	8	0
Montreal, C.E...	10	6	
Natches, Miss....	1	22	24
New Orleans, La.	1	16	0
Newport, R.I.....	1	0	
New York, N.Y..	11	50	
Niagara Fls, N.Y.	32	0	
Norfolk, Va.....	21	1	
Philadelphia, Pa..	16	25	
Pike's Peak, Ore..	2	16	0
Providence, R.I..	1	25	
Quebec, C.E.....		50	
Richmond, Va....	25	35	
San Francisco, Cal.	3	25	31
Savannah, Ga....	40	18	
Springfield, Mass..	6	30	
St. Louis, Mo....	1	16	46
St. Paul, Minn...	1	28	5
Tallahassee, Fla..	54	10	
Washington, D.C.	24	7	
Worcester, Mass.,	3	0	

FAST OF BOSTON.

	H	M	S
Augusta, Maine	4	54	
Bangor, Maine...	9	6	
Berlin, Prussia....	5	37	49
Calcutta, India...10	10	8	
Cape Good Hope.	6	7	2
Charlottet'n, P.E.I	31	20	
Constantinople, T.	6	40	30
Dover, N.H.....		38	
Dublin, Ireland...	4	18	52
Eastport, Maine..	16	30	
Edinburgh, Scot..	4	34	30
Fredericton, N.B	17	14	
Geneva, Switz....	5	8	50
Gibraltar, Spain...	4	22	50
Gloucester, Mass..	1	35	
Greenwich, Eng..	4	44	14
Halifax, N.S.....	29	47	
Hallowell, Maine.	4	54	
Hamburg, Ger....	5	24	8
Hull, Mass.....		24	
Liverpool, Eng...	4	32	13
London, Eng.....	4	43	50
Lynn, Mass.....		32	
Mecca, Arabia....	7	24	12
Nantucket, Mass..	3	52	
New Bedford, Mass		32	
Newburyport, Mas		46	
Paris, France.....	4	53	35
Portland, Me.....	3	16	
Portsmouth, N.H.	1	11	
Provincetown, Mss	4	2	
Rome, Italy.....	5	34	8
Salem, Mass.....		40	
Singapore, E. I...11	32	12	
St. John's, N. F..	1	12	30
St. Petersburg, Rus	6	45	28
Stockholm, Swed..	5	46	28
Vienna, Austria...	5	49	46

DIFFERENCE OF TIME.—NEW YORK.

When it is 12 o'clock, noon, at NEW YORK City, it will be morning at all places west of New York, and afternoon at all places east, as shown in the following table.

WEST OF NEW YORK.

	H	M	S
Aburn, N. Y.....11	50	12	
Augusta, Ga.....11	28	28	
Baltimore, Md....11	49	38	
Buffalo, N.Y.....11	40	24	
Charleston, S.C...11	36	22	
Chicago, Ill.....11	6	2	
Cincinnati, Ohio..11	18	16	
Columbus, Ohio...11	23	52	
Dayton, Ohio....11	19	20	
Detroit, Mich....11	23	54	
Geneva, N.Y.....11	47	53	
Harisburg, Pa....11	48	44	
Honolulu, S.I....	6	24	8
Indianapolis, Ind.11	11	44	
Jefferson, Mo....10	47	32	
Key West, Fla...11	28	54	
Knoxville, Tenn..11	20	28	
Little Rock, Ark..10	47	16	
Louisville, Ky....11	14	4	
Milledgeville, Ga.11	22	45	
Milwaukee, Wis..11	4	16	
Mobile, Ala.....11	0	2	
Monterey, Cal....	8	48	35
Nashville, Tenn..11	8	48	
Natchez, Miss....10	50	26	
Newark, N. J....11	59	24	
Newburn, N. C...11	47	44	
New Orleans, La.10	56	4	
Norfolk, Va.....11	50	49	
Petersburg, Va...11	46	44	
Philadelphia, Pa..11	55	25	
Pittsburg, Pa....	11	35	56
Raleigh, N. C....11	40	52	
Richmond, Va....11	46	15	
Rochester, N. Y..11	44	40	
Sacramento, Cal..	8	56	4
San Francisco, Cal.	8	46	19
Washington, D.C.11	47	53	

EAST OF NEW YORK.

	H	M	S
Albany, N.Y.....	0	1	6
Archangel, Russia	7	36	2
Augusta, Maine	0	16	44
Bangor, Maine...	0	20	56
Berlin, Prussia....	5	49	39
Calcutta, India...10	21	58	
Cape Good Hope.	6	18	52
Charlottet'n, P.E.I	0	43	10
Constantinople, T.	6	52	0
Dover, N.H.....	0	12	28
Dublin, Ireland...	4	30	42
Eastport, Maine..	0	28	20
Edinburgh, Scot..	4	43	21
Frankfort, Ger...	5	29	26
Fredericton, N.B	0	29	4
Geneva, Switz....	5	20	40
Gibraltar, Spain...	4	34	40
Gloucester, Mass..	0	12	25
Greenwich, Eng...	4	56	4
Halifax, N.S.....	0	41	38
Hamburg, Ger....	5	35	58
Hartford, Conn...	0	5	21
Jerusalem, Pal...	7	17	26
Liverpool, Eng...	4	44	3
London, Eng.....	4	55	41
Lowell, Mass.....	0	10	48
Lynn, Mass.....	0	12	22
Mecca, Arabia....	7	36	2
Middletown, Ct..	0	5	28
Montreal, C.E...	0	1	44
New Haven, Conn	0	4	23
Paris, France.....	5	5	26
Portland, Me.....	0	15	10
Portsmouth, N.H.	0	13	1
Providence, R.I...	0	10	25
Qubec, C. E.....	0	11	0
Rio Janerio, Brazil	2	3	14
Rome, Italy.....	5	45	59

INTEREST TABLE. SIX PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 DAY.	0	0	0	0	0	0	0	0	0	0	2	17
2 "	0	0	0	0	0	0	0	0	0	0	3	33
3 "	0	0	0	0	0	0	0	0	0	1	5	50
4 "	0	0	0	0	0	0	0	1	1	1	7	67
5 "	0	0	0	0	0	1	1	1	1	1	8	83
6 "	0	0	0	0	1	1	1	1	1	1	10	1 00
7 "	0	0	0	0	1	1	1	1	1	1	12	1 17
8 "	0	0	0	1	1	1	1	1	1	1	13	1 33
9 "	0	0	0	1	1	1	1	1	1	2	15	1 50
10 "	0	0	1	1	1	1	1	1	2	2	17	1 67
11 "	0	0	1	1	1	1	1	1	2	2	18	1 83
12 "	0	0	1	1	1	1	1	2	2	2	20	2 00
13 "	0	0	1	1	1	1	2	2	2	2	22	2 17
14 "	0	0	1	1	1	1	2	2	2	2	23	2 33
15 "	0	1	1	1	1	2	2	2	2	3	25	2 50
16 "	0	1	1	1	1	2	2	2	2	3	27	2 67
17 "	0	1	1	1	1	2	2	2	3	3	28	2 83
18 "	0	1	1	1	2	2	2	2	3	3	30	3 00
19 "	0	1	1	1	2	2	2	3	3	3	32	3 17
20 "	0	1	1	1	2	2	2	3	3	3	33	3 33
21 "	0	1	1	1	2	2	2	3	3	4	35	3 50
22 "	0	1	1	1	2	2	3	3	3	4	37	3 67
23 "	0	1	1	2	2	2	3	3	3	4	38	3 83
24 "	0	1	1	2	2	2	3	3	4	4	40	4 00
25 "	0	1	1	2	2	3	3	3	4	4	42	4 17
26 "	0	1	1	2	2	3	3	3	4	4	43	4 33
27 "	0	1	1	2	2	3	3	4	4	5	45	4 50
28 "	0	1	1	2	2	3	3	4	4	5	47	4 67
29 "	0	1	1	2	2	3	3	4	4	5	48	4 83
1 MON.	1	1	2	2	3	3	4	4	5	5	50	5 00
2 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
3 "	2	3	5	6	8	9	11	12	14	15	1 50	15 00
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
5 "	3	5	8	10	13	15	18	20	23	25	2 50	25 00
6 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
7 "	4	7	11	14	18	21	25	28	32	35	3 50	35 00
8 "	4	8	12	16	20	24	28	32	36	40	4 00	40 00
9 "	5	9	14	18	23	27	32	36	41	45	4 50	45 00
10 "	5	10	15	20	25	30	35	40	45	50	5 00	50 00
11 "	6	11	17	22	28	33	39	44	50	55	5 50	55 00
1 YEAR.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

EIGHT PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 DAY.	0	0	0	0	0	0	0	0	0	0	2	22
8 "	0	0	1	1	1	1	1	1	2	2	18	1 78
15 "	0	1	1	1	2	2	2	3	3	3	33	3 33
22 "	0	1	1	2	2	3	3	4	4	5	49	4 89
30 "	1	1	2	3	3	4	5	5	6	7	67	6 67
2 Mo.	1	3	4	5	7	8	9	11	12	13	1 33	13 33
4 "	3	5	8	11	13	16	19	21	24	27	2 67	26 67
6 "	4	8	12	16	20	24	28	32	36	40	4 00	40 00
8 "	5	11	16	21	27	32	37	43	48	53	5 33	53 33
10 "	7	13	20	27	33	40	47	53	60	67	6 67	66 67
1 YEAR	8	16	24	32	40	48	56	64	72	80	8 00	80 00

INTEREST TABLE. SEVEN PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 DAY.	0	0	0	0	0	0	0	0	0	0	2	19
2 "	0	0	0	0	0	0	0	0	0	0	4	39
3 "	0	0	0	0	0	0	0	0	1	1	6	58
4 "	0	0	0	0	0	0	1	1	1	1	8	78
5 "	0	0	0	0	0	1	1	1	1	1	10	97
6 "	0	0	0	0	1	1	1	1	1	1	12	1 17
7 "	0	0	0	1	1	1	1	1	1	1	14	1 36
8 "	0	0	0	1	1	1	1	1	1	2	16	1 56
9 "	0	0	1	1	1	1	1	1	2	2	18	1 75
10 "	0	0	1	1	1	1	1	2	2	2	19	1 94
11 "	0	0	1	1	1	1	1	2	2	2	21	2 14
12 "	0	0	1	1	1	1	2	2	2	2	23	2 33
13 "	0	1	1	1	1	2	2	2	2	3	25	2 53
14 "	0	1	1	1	1	2	2	2	2	3	27	2 72
15 "	0	1	1	1	1	2	2	2	3	3	29	2 92
16 "	0	1	1	1	2	2	2	2	3	3	31	3 11
17 "	0	1	1	1	2	2	2	3	3	3	33	3 31
18 "	0	1	1	1	2	2	2	3	3	4	35	3 50
19 "	0	1	1	1	2	2	3	3	3	4	37	3 69
20 "	0	1	1	2	2	2	3	3	4	4	39	3 89
21 "	0	1	1	2	2	2	3	3	4	4	41	4 08
22 "	0	1	1	2	2	3	3	3	4	4	43	4 28
23 "	0	1	1	2	2	3	3	4	4	4	45	4 47
24 "	0	1	1	2	2	3	3	4	4	5	47	4 67
25 "	0	1	1	2	2	3	3	4	4	5	49	4 86
26 "	1	1	2	2	3	3	4	4	5	5	51	5 06
27 "	1	1	2	2	3	3	4	4	5	5	53	5 25
28 "	1	1	2	2	3	3	4	4	5	5	54	5 44
29 "	1	1	2	2	3	3	4	5	5	6	56	5 64
1 MON.	1	1	2	2	3	4	4	5	5	6	58	5 83
2 "	1	2	4	5	6	7	8	9	11	12	1 17	11 67
3 "	2	4	5	7	9	11	12	14	16	18	1 75	17 50
4 "	2	5	7	9	12	14	16	19	21	23	2 33	23 33
5 "	3	6	9	12	15	18	20	23	26	29	2 92	29 17
6 "	4	7	11	14	18	21	25	28	32	35	3 50	35 00
7 "	4	8	12	16	20	25	29	33	37	41	4 08	40 83
8 "	5	9	14	19	23	28	33	37	42	47	4 67	46 67
9 "	5	11	16	21	26	32	37	42	47	53	5 25	52 50
10 "	6	12	18	23	29	35	41	47	53	58	5 83	58 33
11 "	6	13	19	26	32	39	45	51	58	64	6 42	64 17
1 YEAR.	7	14	21	28	35	42	49	56	63	70	7 00	70 00

TEN PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 DAY.	0	0	0	0	0	0	0	0	0	0	3	28
8 "	0	0	1	1	1	1	2	2	2	2	22	2 22
15 "	0	1	1	2	2	3	3	4	4	4	42	4 17
22 "	1	1	2	2	3	4	4	5	6	6	61	6 11
30 "	1	2	3	3	4	5	6	7	8	8	83	8 33
2 Mo.	2	3	5	7	8	10	12	13	15	17	1 67	16 67
4 "	3	7	10	13	17	20	23	27	30	33	3 33	33 33
6 "	5	10	15	20	25	30	35	40	45	50	5 00	50 00
8 "	7	13	20	27	33	40	47	53	60	67	6 67	66 67
10 "	8	17	25	33	42	50	58	67	75	83	8 33	83 33
1 YEAR	10	20	30	40	50	60	70	80	90	\$1	\$10	\$100

VALUE OF FOREIGN GOLD

AND

SILVER COINS.

		D. C. M.
AUSTRIA.....	Gold, Quadruple Ducat.....	9 12 0
	" Ducat	2 27 5
	" Sovereign(for Lombardy) 6	75 0
	Silver, Rix Dollar.....	0 97 0
	" Florin.....	0 48 5
	" Twenty Kreutzers.....	0 16 0
	" Lira (for Lombardy)....	0 16 0
BADEN.....	Gold, Five Gulden.....	2 04 0
	Silver, Crown.....	1 07 0
	" Gulden, or Florin.....	0 39 5
BAVARIA	Gold, Ducat.....	2 27 0
	Silver, Crown.....	1 06 5
	" Florin.....	0 39 5
	" Six Kreutzers.....	0 03 0
BELGIUM.....	Gold, Twenty-Franc piece ...	3 83 2
	" Twenty-five-Franc piece 4	72 0
	Silver, Five Francs.....	0 93 0
	" Two-and-a-half Francs. 0	46 5
	" Two Francs.....	0 37 0
	" Franc.....	0 18 5
BOLIVIA.....	Gold, Doubloon	15 58 0
	Silver, Dollar.....	1 00 6
	" Half Dol. (debased 1830) 0	37 5
	" Qr. Dol. (debased 1830) 0	18 7
BRAZIL.....	Gold, Piece of 6400 Reis.....	8 72 0
	Silver, Twelve hundred Reis..	0 99 2
	" Eight hundred Reis....	0 66 0
	" Four hundred Reis.....	0 33 0
BREMEN.....	Silver, Thirty-six Grote.....	0 35 6
BRITAIN.....	Gold, Sovereign	4 84 5
	Silver, Half Crown.....	0 54 0
	" Shilling.....	0 21 7
	" Sixpence	0 10 8
	" Fourpence.....	0 07 1
BRUNSWICK	Gold, Ten Thaler.....	7 89 0
	Silver, Thaler.....	0 68 0
CENT'L AMERICA..	Gold, Doubloon	14 96 0
	" Escudo.....	1 67 0
	Silver, Dollar (about).....	0 67 0
COSTA RICA.....	Gold, Half Doubloon (1850)..	7 62 0
	Silver, New Real.....	0 05 8
CHILI.....	Gold, Doubloon (before 1835)..	15 57 0
	" Doubloon (since 1835)..	15 66 0
	Silver, Dollar.....	1 01 0
	" Quarter Dollar.....	0 22 4
	" Eighth Dollar, or Real. 0	11 2
DENMARK.....	Gold, Dble. Fred, or 10-Thaler 7	88 0
	Silver, Rigsbank Daler.....	0 52 3
	" Specie Daler	1 04 7
	" Thirty-two Skillings....	0 17 0

VALUE OF FOREIGN GOLD AND SILVER COINS

		D. C. M.
ECUADOR.....	Gold, Half Doubloon	7 60 0
	Silver, Quarter Dollar.....	0 18 7
EGYPT	Gold, Hundred Piasters.....	4 97 0
	Silver, Twenty Piasters.....	0 96 0
FRANCE.....	Gold, Twenty Francs.....	3 85 0
	Silver, Five Francs.....	0 93 2
	" Franc	0 18 5
FRANKFORT.....	Silver, Florin	0 39 5
GREECE	Gold, Twenty Drachms.....	3 45 0
	Silver, Drachm.....	0 16 5
GUIANA, BRITISH..	Silver, Guilder.....	0 26 2
HANOVER	Gold, Ten Thaler.....	7 89 0
	Silver, Thaler (fine silver)....	0 69 2
	" Thaler (750 fine).....	0 68 0
HAYTI	Silver, Dollar, (100 Centimes)..	0 25 7
HESSE CASSEL...	Silver, Thaler	0 67 5
	" One-sixth Thaler	0 11 0
HESSE DARMSTADT	Silver, Florin, or Gulden.....	0 39 5
HINDOSTAN	Gold, Mohur (E. I. Co.).....	7 10 0
	Silver, Rupee.....	0 44 5
MECKLENBURG....	Gold, Ten Thaler.....	7 89 0
MEXICO	Gold, Doubloon (average)	15 53 0
	Silver, Dollar (average)	1 00 7
NAPLES	Silver, Scudo	0 94 0
NETHERLANDS...	Gold, Ducat.....	2 26 5
	" Ten Guilders.....	4 00 7
	Silver, Three Guilders.....	1 20 0
	" Guilder	0 40 0
	" Twenty-five Cents	0 09 5
	" Two-and-a-half Guilders 0	98 2
NEW GRANADA...	Gold, Doubloon, 21carat stand. 15	61 0
	" includ'ng the silver 15	66 0
	" nine-tenths stand. 15	31 0
	" includ'ng the silver 15	36 0
	Silver, Dollar, usual weight....	1 02 0
	" Dol., or Ten Reals, 1851 0	93 0
NORWAY	Silver, Rigsdaler.....	1 05 0
PERSIA.....	Gold, Tomann.....	2 23 0
	Silver, Shaib Koran	0 21 5
PERU	Gold, Doubloon, Lima, to 1833 15	55 0
	" Cuzco, to 1833.. 15	62 0
	" Cuzco, 1837 15	53 0
	Silver, Dollar, Lima mint.....	1 00 6
	" Dollar, Cuzco	1 00 8
	" Hf. Dol., Cuzco, debased 0	36 0
	" Hf. Dollar, Arequipa " 0	36 0
	" Half Dollar, Pasco.... 0	49 5
POLAND.....	Silver, Zloty	0 11 2
PORTUGAL	Gold, Half Joe (full weight) ..	8 65 0
	" Crown.....	5 81 0
	Silver, Cruzado.....	0 55 2
	" Crown of 1000 Reis	1 12 0
	" Half Crown	0 56 0
PRUSSIA.....	Gold, Double Frederick.....	8 00 0
	Silver, Thaler, average.....	0 68 0
	" One-sixth Thaler, av'ge 0	11 0
	" D'ble Thal., (3½ Gulden) 1	39 0
ROME.....	Gold, Ten Scudi	10 37 0

VALUE OF FOREIGN GOLD AND SILVER COINS

			D. C. M.
ROME.....	Silver,	Scudo.....	1 00 5
	"	Teston (3-10 Scudo)....	0 30 0
RUSSIA.....	Gold,	Five Roubles.....	3 96 7
	Silver,	Rouble.....	0 75 0
	"	Ten Zloty.....	1 13 5
	"	Thirty Copecs.....	0 22 0
SARDINIA.....	Gold,	Twenty Lire.....	3 84 5
	Silver,	Five Lire.....	0 93 2
SAXONY.....	Gold,	Ten Thaler.....	7 94 0
	"	Ducat.....	2 26 0
	Silver,	Species Thaler.....	0 96 0
	"	Thaler (XIV. F. M.)...	0 68 0
SIAM.....	Silver,	Tical.....	0 58 5
SPAIN.....	Gold,	Pistole (Qr. Doubloon)..	3 90 5
	Silver,	Pistareen (4 Reals Vellon)	0 19 5
SWEDEN.....	Silver,	Species Daler.....	1 04 2
	"	Half Daler.....	0 52 0
TURKEY.....	Gold,	Hundred Piasters.....	4 37 4
	"	Twenty Piasters (new)..	0 82 0
	Silver,	Twenty Piasters (new)..	0 82 0
TUSCANY.....	Gold,	Sequin.....	2 30 0
	Silver,	Lepoldone.....	1 05 0
	"	Florin.....	0 26 2
WURTEMBERG....	Silver,	Gulden, 1824.....	0 38 5
	"	Gulden, 1838, and since.	0 39 5
	"	Dbl. Thaler, (3½ Guld.)..	1 39 0

GERMANY.—The new German Empire has adopted a new and uniform system of coinage, which contemplates the gradual withdrawal of the coins of the various States composing the Empire, and the substitution of the new coinage as follows:

A pound of fine gold is divided into 139½ pieces, the one-tenth part of this gold coin is called a "Mark," and is subdivided into 100 Pennies, (Pfennige.)

A TEN MARK piece, the unit of the coinage is equal to 3½ South German Thalers, or 3 1-93 Bremen Gold Thalers. Its value is \$2.43.

JAPAN.—The new system of coinage for Japan embraces four gold coins valued respectively at \$20, \$10, \$5 and \$2.



RATES OF POSTAGE.

POSTAL CARDS costing 1 cent each can be purchased at any Post Office, on which short communications can be written and sent to any part of the UNITED STATES.

LETTERS TO ANY PART OF THE UNITED STATES, 3 cents for each 1-2 ounce, or part thereof.

DROP LETTERS, 2 cents for each 1-2 ounce, delivered by Carrier, not delivered, 1 cent.

ADVERTISED LETTERS, 1 cent in addition to the regular rates.

VALUABLE LETTERS may be registered on application at the office of mailing, and the payment of a registration fee not exceeding 15 cents on domestic letters. Fees on foreign letters variable.

TRANSIENT NEWSPAPERS, Periodicals, Pamphlets, Proof Sheets, Book Manuscripts, Blanks, and all mailable printed matter, (except circulars and books,) 1 cent for each and every 2 ounces. Double these rates are charged for Books.

UNSEALED CIRCULARS, (to one address,) not exceeding three in number, 2 cents, and in the same proportion for a greater number.

SEEDS, CUTTINGS, ROOTS, ETC., 2 cents for each 4 ounces or less quantity.

ALL PACKAGES of Mail Matter not charged with letter postage must be so arranged that the same can be CONVENIENTLY examined by Postmasters; if not letter postage will be charged.

No PACKAGE will be forwarded by mail which weighs over 4 pounds.

ALL POSTAGE MATTER, for delivery within the United States, must be PREPAID by stamps.

LETTERS TO THE DOMINION OF CANADA, 6 cents for each 1-2 ounce, if prepaid; if not prepaid, 10 cents. To NEWFOUNDLAND, 10 cents; when over 3000 miles, 15 cents. Prepayment required.

LETTERS TO GREAT BRITAIN OR IRELAND, 6 cents. Prepayment optional.

LETTERS TO FRANCE. Prepayment optional.

LETTERS TO GERMANY, 6 cents. Prepayment required.

LETTERS TO OTHER FOREIGN COUNTRIES vary in rate according to the route by which they are sent, and the proper information can be obtained of any Postmaster in the United States.

MONEY ORDERS.

MONEY ORDER POST OFFICES are established in most of the large cities and towns, at which orders can be obtained upon any other office, at the following rates of commission:

On orders not exceeding \$10.....	5 cents.
Over \$10 and not exceeding \$20.....	10 "
Over \$20 " " \$30.....	15 "
Over \$30 " " \$40.....	20 "
Over \$40 " " \$50.....	25 "

No single order issued for less than one dollar nor more than fifty dollars. Parties desiring to remit larger sums must obtain additional money orders.

ECLIPSES IN THE YEAR 1874.

IN the year 1874, there will be four Eclipses; two of the SUN, and two of the MOON, and a Transit of Venus over the Sun's disc.

APRIL 16.

I. A Total Eclipse of the Sun, April 16th; Visible to the southern portions of South America and Africa.

MAY 1.

II. A Partial Eclipse of the Moon, May 1st; visible to parts of Asia, Africa, Australia and Sandwich Islands.

Magnitude of Eclipse = 0.833 (Moon's diameter = 1.)

OCTOBER 10.

III. An Annular Eclipse of the Sun, October 10th; visible to Europe and parts of Asia and Africa.

OCTOBER 24,—25.

IV. A Total Eclipse of the Moon, night of October 24th—25th; visible to North and South America and Sandwich Islands.

The Eclipse will occur in Boston time, as follows:

	d	h	m
Moon enters Penumbra,.....	25,	0,	0, A.M.
Moon enters Shadow,.....	25,	0,	58, "
Total Phase begins,.....	25,	2,	16, "
Middle of Eclipse,.....	25,	2,	33, "
Total Phase ends,.....	25,	2,	49, "
Moon leaves Shadow,.....	25,	4,	7, "
Moon leaves Penumbra,.....	25,	5,	5, "

Magnitude of Eclipse = 1.053 (Moon's diameter = 1.)

NOTE.—To find time of occurrence at any other place, correct by difference of time between the place and Boston.

CHRONOLOGICAL CYCLES.

Dominical Letter.....	D.	Solar Cycle.....	7.
Epact.....	12.	Roman Indiction.....	2.
Golden Number.....	13.	Julian Period.....	6587.

TRANSIT OF VENUS.

V. A transit of Venus over the Sun's disc, December 8th; visible entire to Eastern Asia and Australia and in part to Africa and Sandwich Islands.

A transit of Venus furnishes the most accurate method for determining the distance of the Earth from the Sun. The last occurrence of this Phenomenon happened in 1769, when expeditions on the most extensive scale were fitted out by the larger civilized governments of the world, for the purpose of observing it. The highest interest attaches to this present occurrence, as from some independent reasons, it is suspected that the Sun's accepted distance is too large by about two millions of miles.

MORNING AND EVENING STARS.

MERCURY will be Evening Star about March 2, June 28, and Oct. 24, and Morning Star about April 15, Aug. 13, and Dec. 2.

VENUS will be Morning Star until Feb. 23d, then Evening Star until Dec. 8th, and Morning Star again the rest of the year.

JUPITER will be Morning Star until March 17, then Evening Star until Oct. 5th, and Morning Star the rest of the year.

FESTIVALS AND FASTS OF THE CHURCH

Septuagesima Sunday	Feb. 1.	Low Sunday.....	Apr. 12.
Shrove Sunday.....	Feb. 15.	Rogation Sunday.....	May 10.
Ash Wednesday....	Feb. 18.	Ascension Day ..	May 14.
First Sunday in Lent.	Feb. 22.	Whit Sunday.....	May 24.
Palm Sunday.....	Mar. 29.	Trinity Sunday...	May 31.
Good Friday.....	Apr. 3.	Advent Sunday...	Nov. 29.
Easter Sunday.....	Apr. 5.	Christmas Day...!	Dec. 25.

THE SEASONS.

Vernal Equinox,.....March 20th, 1h. 30m. P.M.
 Autumnal Equinox,.....Sept. 23d, 0h. 15m. A.M.
 Summer Solstice,.....June 21st, 10h. 0m. A.M.
 Winter Solstice,.....Dec. 21st, 6h. 14m. P.M.
 Given in Washington time.

THE LENGTH OF DAYS.

At San Francisco the longest day has 14 3-4 hours; at Boston, 15 1-4; at Berlin and London, 16 1-2; at Stockholm and Upsal, 16 1-2; at Hamburg, Dantzic, and Settin, 17, and the shortest 7. At St. Petersburg and Tobolsk the longest day has 19 hours and the shortest 5 hours. At Bornea, in Finland, the longest day has 21 1-2 hours, and the shortest 2 1-2 hours. At Wanderbus, in Norway, the day lasts from the 21st of May to the 22d of July without interruption; and at Spitzbergen the longest day is 3 1-2 months.



Moon's Phases. Boston. New York.

	Day.	h m		h m
FULL MOON.....	2	2 19 P. M.	2 7 P. M.	
LAST Q'RTER.....	10	3 11 P. M.	2 59 P. M.	
NEW MOON.....	18	3 16 A. M.	3 4 A. M.	
FIRST Q'RTER.....	24	7 58 P. M.	7 46 P. M.	

Day of M th	Day of Week	BOSTON.						NEW YORK.			
		Sun Rises.	Sun Sets.	Moon R. & S.	High Tide.			High Tide.			
		h m	h m	h m	Morning. h m	Evening. h m		Morning. h m	Evening. h m		
1	TH.	7 30	4 39	6 42	10 24	10 51		7 10	7 34		
2	FR.	7 30	4 39	RISES	11 16	11 40		7 58	8 23		
3	SA.	7 30	4 40	5 27	.....	0 3		8 48	9 12		
4	S	7 30	4 41	6 31	0 26	0 49		9 35	9 56		
5	MO.	7 30	4 42	7 36	1 11	1 32		10 17	10 37		
6	TU.	7 30	4 43	8 40	1 53	2 14		10 56	11 16		
7	WE.	7 30	4 44	9 42	2 33	2 53		11 36	11 56		
8	TH.	7 29	4 45	10 43	3 12	3 31		.....	0 17		
9	FR.	7 29	4 46	11 43	3 50	4 10		0 37	0 57		
10	SA.	7 29	4 47	MORN	4 31	4 53		1 18	1 40		
11	S	7 29	4 48	0 44	5 17	5 42		2 3	2 28		
12	MO.	7 28	4 49	1 47	6 7	6 32		2 53	3 18		
13	TU.	7 28	4 50	2 53	6 59	7 28		3 45	4 13		
14	WE.	7 27	4 52	4 1	7 57	8 26		4 41	5 10		
15	TH.	7 27	4 53	5 11	8 55	9 25		5 40	6 11		
16	FR.	7 27	4 54	6 17	9 55	10 24		6 41	7 10		
17	SA.	7 26	4 55	7 16	10 53	11 20		7 36	8 2		
18	S	7 25	4 56	SETS	11 46	.....		8 29	8 56		
19	MO.	7 25	4 58	6 34	0 10	0 35		9 22	9 47		
20	TU.	7 24	4 59	7 54	1 1	1 25		10 10	10 32		
21	WE.	7 24	5 0	9 12	1 48	2 12		10 54	11 17		
22	TH.	7 23	5 1	10 28	2 35	2 58		11 41	.....	
23	FR.	7 22	5 3	11 43	3 21	3 44		0 6	0 30		
24	SA.	7 21	5 4	MORN	4 8	4 34		0 55	1 21		
25	S	7 21	5 5	0 57	5 2	5 32		1 48	2 18		
26	MO.	7 20	5 6	2 11	6 3	6 35		2 49	3 20		
27	TU.	7 19	5 8	3 24	7 7	7 40		3 52	4 24		
28	WE.	7 18	5 9	4 33	8 12	8 44		4 56	5 28		
29	TH.	7 17	5 10	5 35	9 14	9 43		6 0	6 29		
30	FR.	7 16	5 12	6 29	10 10	10 36		6 56	7 21		
31	SA.	7 15	5 13	7 13	11 1	11 23		7 44	8 5		



Moon's Phases.		Boston.		New York.	
	Day.	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>
FULL MOON.....	1	6	52 A. M.	6	40 A. M.
LAST Q'RTER.....	9	11	45 A. M.	11	33 A. M.
NEW MOON.....	16	2	31 P. M.	2	19 P. M.
FIRST Q'RTER.....	23	6	1 A. M.	5	49 A. M.

Moon's Phases.		Boston.		New York.	
	Day.	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>
FULL MOON.....	3	0	37 A. M.	0	25 A. M.
LAST Q'RTER.....	11	4	50 A. M.	4	38 A. M.
NEW MOON.....	18	0	18 A. M.	0	6 A. M.
FIRST Q'RTER.....	24	5	47 P. M.	5	35 P. M.

Day of M'th	Day of Week	BOSTON.						NEW YORK.			
		Sun		Moon	High Tide.			High Tide.			
		Rises.	Sets.		Morning.	Evening.		Morning.	Evening.		
<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>
1	S	7 14	5 14	RISES	11 44	.....		8 26	8 48		
2	Mo.	7 13	5 16	6 27	0 4	0 24		9 10	9 29		
3	Tu.	7 12	5 17	7 30	0 43	1 2		9 48	10 6		
4	We.	7 11	5 18	8 32	1 20	1 38		10 23	10 39		
5	Th.	7 10	5 19	9 33	1 56	2 14		10 56	11 15		
6	Fr.	7 8	5 21	10 33	2 32	2 51		11 34	11 52		
7	Sa.	7 7	5 22	11 34	3 8	3 25	.....	0 11			
8	S	7 6	5 23	MORN	3 45	4 6		0 31	0 53		
9	Mo.	7 5	5 25	0 38	4 29	4 54		1 16	1 41		
10	Tu.	7 4	5 26	1 44	5 21	5 50		2 8	2 36		
11	We.	7 2	5 27	2 52	6 20	6 52		3 6	3 37		
12	Th.	7 1	5 29	3 58	7 25	7 59		4 10	4 43		
13	Fr.	6 59	5 30	5 0	8 33	9 6		5 17	5 52		
14	Sa.	6 58	5 31	5 54	9 37	10 7		6 23	6 53		
15	S	6 57	5 32	6 39	10 36	11 3		7 20	7 46		
16	Mo.	6 56	5 34	SETS	11 29	11 53		8 11	8 36		
17	Tu.	6 54	5 35	6 48	.....	0 16		9 1	9 26		
18	We.	6 53	5 36	8 9	0 39	1 2		9 48	10 10		
19	Th.	6 51	5 37	9 27	1 24	1 46		10 31	10 52		
20	Fr.	6 50	5 39	10 44	2 9	2 31		11 14	11 37		
21	Sa.	6 48	5 40	MORN	2 54	3 18	.....	0 2			
22	S	6 47	5 41	0 0	3 43	4 10		0 29	0 57		
23	Mo.	6 45	5 43	1 15	4 39	5 10		1 26	1 57		
24	Tu.	6 44	5 44	2 27	5 43	6 17		2 29	3 2		
25	We.	6 42	5 45	3 32	6 51	7 25		3 36	4 10		
26	Th.	6 41	5 46	4 28	7 58	8 29		4 43	5 14		
27	Fr.	6 39	5 47	5 13	8 59	9 27		5 44	6 12		
28	Sa.	6 38	5 49	5 48	9 53	10 17		6 39	7 3		
...
...
...

Day of M'th	Day of Week	BOSTON.						NEW YORK.			
		Sun		Moon	High Tide.			High Tide.			
		Rises.	Sets.		Morning.	Evening.		Morning.	Evening.		
<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>
1	S	6 36	5 50	6 18	10 39	11 0		7 24	7 43		
2	Mo.	6 34	5 51	RISES	11 20	11 37		8 2	8 20		
3	Tu.	6 33	5 52	6 23	11 54	.....		8 38	8 56		
4	We.	6 31	5 54	7 24	0 11	0 27		9 14	9 31		
5	Th.	6 29	5 55	8 24	0 44	1 1		9 47	10 3		
6	Fr.	6 28	5 56	9 25	1 18	1 35		10 20	10 37		
7	Sa.	6 26	5 57	10 27	1 53	2 11		10 54	11 13		
8	S	6 24	5 58	11 33	2 30	2 49		11 32	11 53		
9	Mo.	6 23	5 59	MORN	3 9	3 31	.....	0 17			
10	Tu.	6 21	6 1	0 39	3 55	4 21		0 42	1 6		
11	We.	6 19	6 2	1 44	4 50	5 20		1 36	2 6		
12	Th.	6 18	6 3	2 46	5 54	6 29		2 40	3 15		
13	Fr.	6 16	6 4	3 42	7 4	7 40		3 50	4 25		
14	Sa.	6 14	6 5	4 30	8 15	8 48		5 0	5 33		
15	S	6 12	6 6	5 9	9 19	9 48		6 4	6 34		
16	Mo.	6 11	6 8	5 41	10 15	10 41		7 1	7 26		
17	Tu.	6 9	6 9	6 9	11 5	11 28		7 48	8 10		
18	We.	6 7	6 10	SETS	11 50	.....		8 33	8 57		
19	Th.	6 6	6 11	8 18	0 11	0 33		9 20	9 42		
20	Fr.	6 4	6 12	9 39	0 56	1 19		10 4	10 27		
21	Sa.	6 2	6 13	10 58	1 42	2 6		10 50	11 13		
22	S	6 0	6 14	MORN	2 31	2 56		11 40	.....	
23	Mo.	5 59	6 15	0 14	3 23	3 51		0 8	0 37		
24	Tu.	5 57	6 16	1 24	4 21	4 53		1 8	1 40		
25	We.	5 55	6 18	2 24	5 27	6 1		2 13	2 47		
26	Th.	5 53	6 19	3 13	6 35	7 8		3 21	3 53		
27	Fr.	5 52	6 20	3 52	7 39	8 8		4 24	4 53		
28	Sa.	5 50	6 21	4 23	8 36	9 1		5 21	5 46		
29	S	5 48	6 22	4 49	9 23	9 45		6 9	6 31		
30	Mo.	5 46	6 23	5 10	10 6	10 26		6 52	7 11		
31	Tu.	5 45	6 24	5 29	10 45	11 3		7 29	7 46		



Moon's Phases.

Boston.

New York.

	Day.	<i>h</i>	<i>m</i>		<i>h</i>	<i>m</i>	
FULL MOON.....	1	6	35	P. M.	6	23	P. M.
LAST Q'RTER.....	9	5	36	P. M.	5	24	P. M.
NEW MOON.....	16	9	9	A. M.	8	57	A. M.
FIRST Q'RTER.....	23	7	19	A. M.	7	7	A. M.

Day of M th	Day of Week	BOSTON.						NEW YORK.			
		Sun Rises.	Sun Sets.	Moon R. & S.	High Tide.			High Tide.			
					Morning.	Evening.		Morning.	Evening.		
<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>
1	WE.	5 43	6 26	RISES	11 20	11 37		8 2	8 19		
2	TH.	5 41	6 27	7 18	11 53	.....		8 36	8 54		
3	FR.	5 39	6 28	8 20	0 9	0 26		9 12	9 30		
4	SA.	5 38	6 29	9 24	0 43	1 1		9 47	10 5		
5	S	5 36	6 30	10 29	1 19	1 39		10 24	10 44		
6	MO.	5 34	6 31	11 35	2 0	2 22		11 4	11 28		
7	TU.	5 33	6 32	MORN	2 44	3 8		11 53	.....	
8	WE.	5 31	6 33	0 38	3 34	4 1		0 20	0 48		
9	TH.	5 29	6 34	1 35	4 31	5 2		1 17	1 48		
10	FR.	5 28	6 36	2 24	5 36	6 12		2 22	2 58		
11	SA.	5 26	6 37	3 5	6 46	7 20		3 32	4 5		
12	S	5 24	6 38	3 39	7 53	8 24		4 37	5 8		
13	MO.	5 23	6 39	4 8	8 53	9 21		5 38	6 7		
14	TU.	5 21	6 40	4 33	9 47	10 12		6 33	6 58		
15	WE.	5 19	6 41	4 58	10 37	11 1		7 21	7 44		
16	TH.	5 18	6 42	SETS	11 23	11 44		8 5	8 27		
17	FR.	5 16	6 44	8 31	.....	0 7		8 52	9 18		
18	SA.	5 15	6 45	9 50	0 31	0 55		9 43	10 6		
19	S	5 13	6 46	11 5	1 20	1 46		10 29	10 54		
20	MO.	5 12	6 47	MORN	2 12	2 39		11 22	11 52		
21	TU.	5 10	6 48	0 12	3 7	3 35		.....	0 22		
22	WE.	5 8	6 49	1 8	4 4	4 35		0 51	1 21		
23	TH.	5 7	6 50	1 52	5 6	5 37		1 52	2 23		
24	FR.	5 5	6 51	2 26	6 8	6 38		2 54	3 23		
25	SA.	5 4	6 52	2 54	7 6	7 33		3 51	4 18		
26	S	5 2	6 53	3 16	7 58	8 22		4 43	5 7		
27	MO.	5 1	6 54	3 35	8 45	9 5		5 30	5 51		
28	TU.	5 0	6 56	3 53	9 25	9 45		6 11	6 31		
29	WE.	4 58	6 57	4 11	10 5	10 24		6 51	7 10		
30	TH.	4 57	6 58	4 30	10 43	11 2		7 28	7 45		
...		



Moon's Phases.

Boston.

New York.

	Day.	<i>h</i>	<i>m</i>		<i>h</i>	<i>m</i>	
FULL MOON.....	1	11	25	A. M.	11	13	A. M.
LAST Q'RTER.....	9	2	29	A. M.	2	17	A. M.
NEW MOON.....	15	5	33	P. M.	5	21	P. M.
FIRST Q'RTER.....	22	10	35	P. M.	10	23	P. M.
FULL MOON.....	31	2	2	A. M.	1	50	A. M.

Day of M th	Day of Week	BOSTON.						NEW YORK.			
		Sun Rises.	Sun Sets.	Moon R. & S.	High Tide.			High Tide.			
					Morning.	Evening.		Morning.	Evening.		
<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>
1	FR.	4 55	6 59	RISES	11 20	11 37		8 2	8 20		
2	SA.	4 54	7 0	8 20	11 55	.....		8 39	9 0		
3	S	4 53	7 1	9 28	0 15	0 35		9 22	9 43		
4	MO.	4 51	7 2	10 32	0 56	1 18		10 4	10 25		
5	TU.	4 50	7 3	11 30	1 40	2 4		10 47	11 12		
6	WE.	4 49	7 5	MORN	2 29	2 55		11 38	.....	
7	TH.	4 48	7 6	0 22	3 21	3 49		0 6	0 35		
8	FR.	4 46	7 7	1 5	4 18	4 48		1 5	1 35		
9	SA.	4 45	7 8	1 40	5 19	5 51		2 6	2 37		
10	S	4 44	7 9	2 9	6 23	6 55		3 8	3 40		
11	MO.	4 43	7 10	2 35	7 25	7 55		4 10	4 40		
12	TU.	4 42	7 11	2 59	8 23	8 50		5 8	5 35		
13	WE.	4 41	7 12	3 22	9 17	9 43		6 2	6 29		
14	TH.	4 40	7 13	3 48	10 9	10 34		6 55	7 20		
15	FR.	4 39	7 14	SETS	10 59	11 24		7 43	8 6		
16	SA.	4 38	7 15	8 40	11 48	.....		8 32	8 58		
17	S	4 37	7 16	9 54	0 12	0 38		9 24	9 51		
18	MO.	4 36	7 17	10 56	1 5	1 32		10 16	10 41		
19	TU.	4 35	7 18	11 46	1 58	2 25		11 7	11 34		
20	WE.	4 34	7 19	MORN	2 51	3 17		.....	0 1		
21	TH.	4 33	7 20	0 25	3 43	4 9		0 29	0 56		
22	FR.	4 32	7 21	0 55	4 35	5 2		1 22	1 49		
23	SA.	4 31	7 22	1 20	5 29	5 54		2 15	2 40		
24	S	4 30	7 23	1 41	6 18	6 43		3 4	3 29		
25	MO.	4 30	7 24	2 0	7 8	7 32		3 53	4 17		
26	TU.	4 29	7 25	2 18	7 55	8 18		4 40	5 3		
27	WE.	4 28	7 26	2 36	8 40	9 1		5 25	5 47		
28	TH.	4 28	7 27	2 55	9 22	9 44		6 8	6 30		
29	FR.	4 27	7 27	3 18	10 6	10 28		6 52	7 13		
30	SA.	4 27	7 28	3 46	10 49	11 10		7 33	7 53		
31	S	4 26	7 29	RISES	11 32	11 54		8 14	8 38		



Moon's Phases. Boston. New York.

	Day.	h m	A. M.	h m	A. M.
LAST Q'RTER.....	7	8 34	A. M.	8 22	A. M.
NEW MOON.....	14	2 8	A. M.	1 56	A. M.
FIRST Q'RTER.....	21	3 16	P. M.	3 4	P. M.
FULL MOON.....	29	2 4	P. M.	1 52	P. M.

Day of M th	Day of Week	BOSTON.						NEW YORK.			
		Sun		Moon	High Tide.			High Tide.			
		Rises.	Sets.		Morning.	Evening.		Morning.	Evening.		
		h m	h m	h m	h m	h m		h m	h m		
1	Mo.	4 26	7 30	9 25	.....	0 16		9 2	9 26		
2	Tu.	4 25	7 31	10 20	0 40	1 4		9 50	10 13		
3	We.	4 25	7 31	11 5	1 28	1 53		10 36	11 1		
4	Th.	4 24	7 32	11 42	2 18	2 44		11 26	11 53		
5	Fr.	4 24	7 33	MORN	3 9	3 35	.....	0 21			
6	Sa.	4 24	7 33	0 13	4 1	4 28		0 48	1 15		
7	S	4 23	7 34	0 39	4 56	5 25		1 43	2 11		
8	Mo.	4 23	7 35	1 2	5 54	6 23		2 40	3 9		
9	Tu.	4 23	7 35	1 24	6 52	7 21		3 38	4 6		
10	We.	4 23	7 36	1 48	7 50	8 19		4 35	5 3		
11	Th.	4 22	7 36	2 14	8 48	9 16		5 33	6 2		
12	Fr.	4 22	7 37	2 45	9 44	10 12		6 30	6 58		
13	Sa.	4 22	7 37	3 24	10 40	11 8		7 25	7 51		
14	S	4 22	7 38	SETS	11 34	11 59		8 17	8 43		
15	Mo.	4 22	7 38	9 36	.....	0 25		9 10	9 37		
16	Tu.	4 22	7 38	10 20	0 51	1 16		10 2	10 26		
17	We.	4 22	7 39	10 54	1 41	2 5		10 49	11 11		
18	Th.	4 22	7 39	11 21	2 29	2 51		11 34	11 58		
19	Fr.	4 23	7 39	11 44	3 13	3 35	.....	0 21			
20	Sa.	4 23	7 40	MORN	3 56	4 18		0 43	1 6		
21	S	4 23	7 40	0 4	4 41	5 3		1 28	1 50		
22	Mo.	4 23	7 40	0 22	5 26	5 49		2 12	2 35		
23	Tu.	4 23	7 40	0 41	6 13	6 37		2 59	3 23		
24	We.	4 24	7 40	1 0	7 2	7 26		3 47	4 11		
25	Th.	4 24	7 40	1 21	7 51	8 16		4 36	5 1		
26	Fr.	4 24	7 40	1 46	8 42	9 7		5 27	5 53		
27	Sa.	4 25	7 40	2 17	9 32	9 57		6 18	6 43		
28	S	4 25	7 40	2 57	10 22	10 49		7 8	7 32		
29	Mo.	4 25	7 40	RISES	11 15	11 39		7 57	8 22		
30	Tu.	4 26	7 40	9 2	.....	0 3		8 48	9 13		
...			



Moon's Phases. Boston. New York.

	Day.	h m	P. M.	h m	P. M.
LAST Q'RTER.....	6	1 18	P. M.	1 6	P. M.
NEW MOON.....	13	11 44	A. M.	11 32	A. M.
FIRST Q'RTER.....	21	8 47	A. M.	8 35	A. M.
FULL MOON.....	28	11 59	P. M.	11 47	P. M.

Day of M th	Day of Week	BOSTON.						NEW YORK.			
		Sun		Moon	High Tide.			High Tide.			
		Rises.	Sets.		Morning.	Evening.		Morning.	Evening.		
		h m	h m	h m	h m	h m		h m	h m		
1	We.	4 26	7 40	9 43	0 27	0 52		9 38	10 2		
2	Th.	4 27	7 40	10 16	1 17	1 41		10 26	10 49		
3	Fr.	4 27	7 40	10 43	2 5	2 29		11 11	11 35		
4	Sa.	4 28	7 40	11 6	2 52	3 14		11 59	.....	
5	S	4 29	7 39	11 28	3 38	4 2		0 24	0 49		
6	Mo.	4 29	7 39	11 51	4 28	4 54		1 15	1 41		
7	Tu.	4 30	7 39	MORN	5 22	5 51		2 9	2 37		
8	We.	4 31	7 38	0 16	6 21	6 52		3 7	3 37		
9	Th.	4 31	7 38	0 45	7 24	7 56		4 9	4 41		
10	Fr.	4 32	7 38	1 20	8 28	8 59		5 13	5 44		
11	Sa.	4 33	7 37	2 3	9 30	10 1		6 16	6 47		
12	S	4 33	7 37	2 56	10 30	10 58		7 16	7 41		
13	Mo.	4 34	7 36	SETS	11 23	11 47		8 5	8 30		
14	Tu.	4 35	7 35	8 52	.....	0 11		8 56	9 21		
15	We.	4 36	7 35	9 21	0 34	0 56		9 44	10 4		
16	Th.	4 37	7 34	9 46	1 18	1 38		10 23	10 41		
17	Fr.	4 38	7 34	10 7	1 58	2 18		10 59	11 18		
18	Sa.	4 38	7 33	10 26	2 37	2 56		11 38	11 59		
19	S	4 39	7 32	10 44	3 14	3 33	.....	0 19			
20	Mo.	4 40	7 31	11 2	3 52	4 13		0 38	0 59		
21	Tu.	4 41	7 30	11 22	4 34	4 56		1 21	1 43		
22	We.	4 42	7 29	11 45	5 20	5 45		2 6	2 31		
23	Th.	4 43	7 29	MORN	6 12	6 40		2 58	3 25		
24	Fr.	4 44	7 28	0 13	7 8	7 37		3 53	4 21		
25	Sa.	4 45	7 27	0 49	8 7	8 37		4 51	5 22		
26	S	4 46	7 26	1 35	9 7	9 37		5 53	6 23		
27	Mo.	4 47	7 25	2 31	10 5	10 33		6 51	7 18		
28	Tu.	4 48	7 24	RISES	11 0	11 25		7 43	8 7		
29	We.	4 49	7 23	8 15	11 49	.....		8 32	8 58		
30	Th.	4 50	7 22	8 45	0 13	0 36		9 23	9 46		
31	Fr.	4 51	7 21	9 11	0 59	1 21		10 7	10 28		



Moon's Phases.

Boston.

New York.

	Day.	<i>h</i>	<i>m</i>		<i>h</i>	<i>m</i>	
LAST Q'RTER.....	2	8	54	A. M.	8	42	A. M.
NEW MOON.....	10	6	17	A. M.	6	5	A. M.
FIRST Q'RTER.....	18	8	45	A. M.	8	33	A. M.
FULL MOON.....	25	2	37	A. M.	2	25	A. M.
LAST Q'RTER.....	31	9	16	P. M.	9	4	P. M.

Day of M th	Day of Week	BOSTON.						NEW YORK.			
		Sun Rises.	Sun Sets.	Moon R. & S.	High Tide.			High Tide.			
					Morning.	Evening.		Morning.	Evening.		
		<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>
1	TH.	5 57	5 42	9 33	3 27	3 57		0 12	0 44		
2	FR.	5 58	5 40	10 36	4 29	5 2		1 16	1 48		
3	SA.	5 59	5 38	11 44	5 37	6 12		2 23	2 58		
4	S	6 0	5 37	MORN	6 45	7 16		3 30	4 1		
5	MO.	6 1	5 35	0 53	7 46	8 15		4 31	4 59		
6	TU.	6 2	5 33	2 0	8 40	9 4		5 25	5 49		
7	WE.	6 3	5 32	3 5	9 26	9 48		6 12	6 34		
8	TH.	6 4	5 30	4 8	10 8	10 28		6 55	7 14		
9	FR.	6 6	5 28	5 9	10 46	11 3		7 30	7 46		
10	SA.	6 7	5 27	6 9	11 20	11 36		8 2	8 18		
11	S	6 8	5 25	SETS	11 52	.....		8 36	8 55		
12	MO.	6 9	5 23	6 17	0 9	0 27		9 13	9 31		
13	TU.	6 10	5 22	6 44	0 45	1 5		9 51	10 11		
14	WE.	6 12	5 20	7 17	1 25	1 46		10 30	10 50		
15	TH.	6 13	5 18	7 58	2 7	2 29		11 12	11 36		
16	FR.	6 14	5 17	8 48	2 53	3 17	.....	.....	0 2		
17	SA.	6 15	5 15	9 48	3 43	4 11		0 29	0 58		
18	S	6 16	5 14	10 56	4 41	5 13		1 28	1 59		
19	MO.	6 17	5 12	MORN	5 45	6 18		2 31	3 4		
20	TU.	6 19	5 11	0 9	6 51	7 23		3 36	4 8		
21	WE.	6 20	5 9	1 25	7 54	8 23		4 39	5 8		
22	TH.	6 21	5 8	2 43	8 51	9 17		5 36	6 3		
23	FR.	6 22	5 6	4 2	9 43	10 8		6 29	6 55		
24	SA.	6 23	5 5	5 22	10 33	10 57		7 19	7 40		
25	S	6 24	5 3	RISES	11 20	11 43		8 2	8 26		
26	MO.	6 26	5 2	5 46	.....	0 6		8 51	9 17		
27	TU.	6 27	5 0	6 29	0 31	0 57		9 43	10 9		
28	WE.	6 28	4 59	7 21	1 24	1 52		10 36	11 3		
29	TH.	6 29	4 58	8 23	2 20	2 48		11 31	.....	
30	FR.	6 31	4 56	9 31	3 17	3 46		0 1	0 32		
31	SA.	6 32	4 55	10 42	4 15	4 45		1 2	1 32		



Moon's Phases.

Boston.

New York.

	Day.	<i>h</i>	<i>m</i>		<i>h</i>	<i>m</i>	
NEW MOON.....	9	0	50	A. M.	0	38	A. M.
FIRST Q'RTER.....	16	9	10	P. M.	8	58	P. M.
FULL MOON.....	23	0	50	P. M.	0	38	P. M.
LAST Q'RTER.....	30	1	45	P. M.	1	33	P. M.

Day of M th	Day of Week	BOSTON.						NEW YORK.			
		Sun Rises.	Sun Sets.	Moon R. & S.	High Tide.			High Tide.			
					Morning.	Evening.		Morning.	Evening.		
		<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>
1	S	6 33	4 54	11 51	5 16	5 47		2 3	2 33		
2	MO.	6 34	4 52	MORN	6 15	6 43		3 2	3 29		
3	TU.	6 36	4 51	0 57	7 11	7 37		3 56	4 22		
4	WE.	6 37	4 50	2 0	8 1	8 24		4 45	5 8		
5	TH.	6 38	4 49	3 2	8 46	9 7		5 31	5 53		
6	FR.	6 39	4 48	4 2	9 27	9 47		6 13	6 33		
7	SA.	6 41	4 46	5 3	10 6	10 25		6 52	7 11		
8	S	6 42	4 45	6 5	10 44	11 3		7 29	7 46		
9	MO.	6 43	4 44	SETS	11 21	11 40		8 3	8 22		
10	TU.	6 45	4 43	5 18	.....	0 0		8 43	9 6		
11	WE.	6 46	4 42	5 56	0 20	0 41		9 28	9 49		
12	TH.	6 47	4 41	6 44	1 3	1 26		10 11	10 33		
13	FR.	6 48	4 40	7 41	1 49	2 13		10 56	11 20		
14	SA.	6 50	4 39	8 46	2 38	3 2		11 46	.....	
15	S	6 51	4 38	9 55	3 27	3 53		0 13	0 40		
16	MO.	6 52	4 37	11 8	4 21	4 50		1 8	1 36		
17	TU.	6 53	4 37	MORN	5 19	5 48		2 5	2 34		
18	WE.	6 55	4 36	0 22	6 18	6 47		3 4	3 33		
19	TH.	6 56	4 35	1 37	7 16	7 45		4 1	4 30		
20	FR.	6 57	4 34	2 53	8 14	8 42		4 58	5 27		
21	SA.	6 58	4 34	4 11	9 9	9 37		5 55	6 23		
22	S	6 59	4 33	5 33	10 4	10 31		6 50	7 16		
23	MO.	7 1	4 32	RISES	10 58	11 24		7 41	8 6		
24	TU.	7 2	4 32	5 4	11 49	.....		8 32	9 0		
25	WE.	7 3	4 31	6 3	0 16	0 43		9 29	9 57		
26	TH.	7 4	4 31	7 11	1 11	1 39		10 24	10 50		
27	FR.	7 5	4 30	8 24	2 7	2 34		11 16	11 43		
28	SA.	7 6	4 30	9 36	3 0	3 25		0 11		
29	S	7 7	4 29	10 45	3 51	4 17		0 38	1 4		
30	MO.	7 8	4 29	11 50	4 42	5 7		1 29	1 53		
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JANUARY.

FEBRUARY.

Moon's Phases.

Moon's Phases.

Moon's Phases.		Boston.		New York.	
	Day.	h	m	h	m
NEW MOON.....	8	7	22 P. M.	7	10 P. M.
FIRST Q'RTER.....	16	7	40 A. M.	7	28 A. M.
FULL MOON.....	23	0	12 A. M.	0	0 A. M.
LAST Q'RTER.....	30	9	52 A. M.	9	40 A. M.

	Day.	h	m
FULL MOON...	2	1	13 P. M.
LAST Q'RTER.	10	2	5 P. M.
NEW MOON...	18	2	10 A. M.
FIRST Q'RTER.	24	6	52 P. M.

	Day.	h	m
FULL MOON...	1	5	46 A. M.
LAST Q'RTER.	9	10	39 A. M.
NEW MOON...	16	1	25 P. M.
FIRST Q'RTER.	23	4	55 A. M.

Day of M th	Day of Week	BOSTON.						NEW YORK.			
		Sun		Moon		High Tide.		High Tide.			
		Rises.	Sets.	R. & S.		Morning.	Evening.	Morning.	Evening.		
h	m	h	m	h	m	h	m	h	m	h	m
1	TU.	7 9	4 29	MORN		5 33	5 59	2 19	2 45		
2	WE.	7 10	4 28	0 52		6 24	6 48	3 9	3 33		
3	TH.	7 11	4 28	1 53		7 11	7 34	3 56	4 19		
4	FR.	7 13	4 28	2 54		7 57	8 19	4 41	5 3		
5	SA.	7 14	4 28	3 56		8 42	9 4	5 26	5 49		
6	S	7 15	4 28	5 0		9 27	9 49	6 12	6 35		
7	MO.	7 16	4 28	6 4		10 12	10 34	6 58	7 20		
8	TU.	7 17	4 28	7 9		10 56	11 18	7 40	8 0		
9	WE.	7 17	4 28	SETS		11 39	.....	8 23	8 46		
10	TH.	7 18	4 28	5 35		0 1	0 24	9 9	9 33		
11	FR.	7 19	4 28	6 38		0 47	1 11	9 57	10 20		
12	SA.	7 20	4 28	7 47		1 35	1 59	10 42	11 4		
13	S	7 21	4 28	8 59		2 22	2 45	11 29	11 54		
14	MO.	7 22	4 28	10 11		3 9	3 33	.....	0 19		
15	TU.	7 22	4 29	11 23		3 57	4 22	0 44	1 9		
16	WE.	7 23	4 29	MORN		4 48	5 15	1 35	2 2		
17	TH.	7 24	4 29	0 36		5 43	6 11	2 29	2 57		
18	FR.	7 24	4 29	1 51		6 39	7 9	3 25	3 55		
19	SA.	7 25	4 30	3 8		7 40	8 11	4 25	4 55		
20	S	7 26	4 30	4 28		8 41	9 12	5 26	5 57		
21	MO.	7 26	4 31	5 49		9 42	10 12	6 28	6 58		
22	TU.	7 27	4 31	7 8		10 42	11 10	7 27	7 53		
23	WE.	7 27	4 32	RISES		11 38	.....	8 20	8 49		
24	TH.	7 27	4 32	5 59		0 5	0 32	9 19	9 46		
25	FR.	7 28	4 33	7 14		0 58	1 23	10 9	10 31		
26	SA.	7 28	4 34	8 27		1 47	2 11	10 53	11 16		
27	S	7 29	4 34	9 36		2 34	2 56	11 39	.....	
28	MO.	7 29	4 35	10 41		3 17	3 38	0 2	0 24		
29	TU.	7 29	4 36	11 43		3 59	4 20	0 46	1 7		
30	WE.	7 29	4 36	MORN		4 42	5 5	1 29	1 51		
31	TH.	7 30	4 37	0 44		5 29	5 53	2 15	2 39		

D. of M.	Day of Week	Sun		Sun		Moon	
		Rises		Sets.		R. & S.	
		h	m	h	m	h	m
1	TH.	7 29	4 39	6 43			
2	FR.	7 29	4 40	RISES			
3	SA.	7 29	4 40	5 30			
4	S	7 29	4 41	6 34			
5	MO.	7 29	4 42	7 39			
6	TU.	7 29	4 43	8 43			
7	WE.	7 29	4 44	9 44			
8	TH.	7 28	4 45	10 45			
9	FR.	7 28	4 46	11 45			
10	SA.	7 28	4 47	MORN			
11	S	7 28	4 48	0 46			
12	MO.	7 27	4 49	1 48			
13	TU.	7 27	4 51	2 54			
14	WE.	7 26	4 52	4 2			
15	TH.	7 26	4 53	5 12			
16	FR.	7 25	4 54	6 17			
17	SA.	7 25	4 55	7 16			
18	S	7 24	4 57	SETS			
19	MO.	7 24	4 58	6 36			
20	TU.	7 23	4 59	7 57			
21	WE.	7 22	5 0	9 14			
22	TH.	7 22	5 1	10 30			
23	FR.	7 21	5 3	11 45			
24	SA.	7 21	5 4	MORN			
25	S	7 20	5 5	0 58			
26	MO.	7 19	5 6	2 12			
27	TU.	7 18	5 8	3 25			
28	WE.	7 17	5 9	4 34			
29	TH.	7 16	5 11	5 35			
30	FR.	7 15	5 12	6 29			
31	SA.	7 14	5 13	7 14			

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MARCH.

Moon's Phases.

	Day.	h	m
FULL MOON...	2	11	31 P.M.
LAST Q'RTER.	11	3	44 A.M.
NEW MOON...	17	11	12 P.M.
FIRST Q'RTER.	24	4	41 P.M.

D. of M.	Day of Week	Sun Rises h m	Sun Sets h m	Moon R. & S. h m
1	S	6 35	5 50	6 19
2	Mo.	6 33	5 51	RISES
3	Tu.	6 32	5 52	6 25
4	We.	6 30	5 54	7 26
5	Th.	6 29	5 55	8 26
6	Fr.	6 27	5 56	9 26
7	Sa.	6 25	5 57	10 28
8	S	6 24	5 58	11 34
9	Mo.	6 22	6 0	MORN
10	Tu.	6 21	6 1	0 40
11	We.	6 19	6 2	1 45
12	Th.	6 17	6 3	2 46
13	Fr.	6 15	6 4	3 42
14	Sa.	6 14	6 6	4 31
15	S	6 12	6 7	5 10
16	Mo.	6 10	6 8	5 42
17	Tu.	6 8	6 9	6 11
18	We.	6 7	6 10	SETS
19	Th.	6 5	6 11	8 20
20	Fr.	6 4	6 12	9 40
21	Sa.	6 2	6 13	10 59
22	S	6 0	6 14	MORN
23	Mo.	5 58	6 15	0 15
24	Tu.	5 57	6 17	1 24
25	We.	5 55	6 18	2 24
26	Th.	5 53	6 19	3 14
27	Fr.	5 51	6 20	3 53
28	Sa.	5 49	6 21	4 24
29	S	5 48	6 22	4 50
30	Mo.	5 46	6 23	5 11
31	Tu.	5 44	6 24	5 31

APRIL.

Moon's Phases.

	Day.	h	m
FULL MOON...	1	5	29 P.M.
LAST Q'RTER.	9	4	30 P.M.
NEW MOON...	16	8	3 A.M.
FIRST Q'RTER.	23	6	13 A.M.

D. of M.	Day of Week	Sun Rises h m	Sun Sets h m	Moon R. & S. h m
1	We.	5 42	6 25	RISES
2	Th.	5 41	6 26	7 20
3	Fr.	5 39	6 28	8 21
4	Sa.	5 38	6 29	9 25
5	S	5 36	6 30	10 30
6	Mo.	5 34	6 31	11 36
7	Tu.	5 32	6 32	MORN
8	We.	5 31	6 33	0 38
9	Th.	5 29	6 34	1 35
10	Fr.	5 27	6 35	2 25
11	Sa.	5 25	6 36	3 6
12	S	5 24	6 37	3 40
13	Mo.	5 22	6 39	4 9
14	Tu.	5 21	6 40	4 35
15	We.	5 19	6 41	5 0
16	Th.	5 18	6 42	SETS
17	Fr.	5 16	6 43	8 32
18	Sa.	5 15	6 44	9 51
19	S	5 13	6 45	11 6
20	Mo.	5 12	6 46	MORN
21	Tu.	5 10	6 47	0 12
22	We.	5 9	6 48	1 8
23	Th.	5 7	6 49	1 53
24	Fr.	5 6	6 50	2 27
25	Sa.	5 4	6 51	2 55
26	S	5 3	6 52	3 17
27	Mo.	5 1	6 53	3 37
28	Tu.	5 0	6 55	3 55
29	We.	4 58	6 56	4 13
30	Th.	4 57	6 57	4 32
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MAY.

Moon's Phases.

	Day.	h	m
FULL MOON...	1	10	19 A.M.
LAST Q'RTER.	9	1	23 A.M.
NEW MOON...	15	4	27 P.M.
FIRST Q'RTER.	22	9	29 P.M.
FULL MOON...	31	0	56 A.M.

D. of M.	Day of Week	Sun Rises h m	Sun Sets h m	Moon R. & S. h m
1	Fr.	4 56	6 58	RISES
2	Sa.	4 55	6 59	8 21
3	S	4 53	7 0	9 29
4	Mo.	4 52	7 1	10 32
5	Tu.	4 51	7 2	11 30
6	We.	4 50	7 3	MORN
7	Th.	4 49	7 4	0 22
8	Fr.	4 47	7 6	1 6
9	Sa.	4 46	7 7	1 41
10	S	4 45	7 8	2 10
11	Mo.	4 44	7 9	2 37
12	Tu.	4 43	7 10	3 1
13	We.	4 41	7 11	3 24
14	Th.	4 40	7 12	3 51
15	Fr.	4 39	7 13	SETS
16	Sa.	4 38	7 14	8 41
17	S	4 37	7 15	9 54
18	Mo.	4 37	7 16	10 56
19	Tu.	4 36	7 17	11 47
20	We.	4 35	7 18	MORN
21	Th.	4 34	7 19	0 26
22	Fr.	4 33	7 20	0 56
23	Sa.	4 33	7 20	1 21
24	S	4 32	7 21	1 43
25	Mo.	4 31	7 22	2 2
26	Tu.	4 30	7 23	2 20
27	We.	4 30	7 24	2 38
28	Th.	4 29	7 24	2 58
29	Fr.	4 29	7 25	3 21
30	Sa.	4 28	7 26	3 49
31	S	4 28	7 27	RISES

JUNE.

Moon's Phases.

	Day.	h	m
LAST Q'RTER.	7	7	28 A.M.
NEW MOON...	14	1	2 A.M.
FIRST Q'RTER.	21	2	10 P.M.
FULL MOON...	29	0	58 P.M.

D. of M.	Day of Week	Sun Rises h m	Sun Sets h m	Moon R. & S. h m
1	Mo.	4 27	7 28	9 25
2	Tu.	4 27	7 28	10 20
3	We.	4 26	7 29	11 6
4	Th.	4 26	7 30	11 43
5	Fr.	4 26	7 31	MORN
6	Sa.	4 26	7 31	0 14
7	S	4 25	7 32	0 40
8	Mo.	4 25	7 32	1 4
9	Tu.	4 25	7 33	1 26
10	We.	4 25	7 34	1 50
11	Th.	4 25	7 34	2 17
12	Fr.	4 24	7 35	2 48
13	Sa.	4 24	7 35	3 27
14	S	4 24	7 36	SETS
15	Mo.	4 24	7 36	9 36
16	Tu.	4 24	7 36	10 21
17	We.	4 24	7 37	10 55
18	Th.	4 24	7 37	11 22
19	Fr.	4 24	7 37	11 45
20	Sa.	4 25	7 37	MORN
21	S	4 25	7 37	0 6
22	Mo.	4 26	7 38	0 24
23	Tu.	4 26	7 38	0 43
24	We.	4 26	7 38	1 3
25	Th.	4 26	7 38	1 24
26	Fr.	4 26	7 38	1 49
27	Sa.	4 27	7 39	2 20
28	S	4 27	7 39	3 0
29	Mo.	4 27	7 39	RISES
30	Tu.	4 28	7 39	9 3
...

CHICAGO ALMANAC.

1874.

JULY.

Moon's Phases.

	Day.	h	m
LAST Q'RTER.	6	0	12 P.M.
NEW MOON...	13	10	33 A.M.
FIRST Q'RTER.	21	7	41 A.M.
FULL MOON...	28	10	53 P.M.

D. of M.	Day of Week	Sun Rises h m	Sun Sets h m	Moon R. & S. h m
1	WE.	4 28	7 38	9 44
2	TH.	4 29	7 38	10 17
3	FR.	4 29	7 38	10 44
4	SA.	4 30	7 38	11 8
5	S	4 31	7 38	11 30
6	MO.	4 31	7 37	11 53
7	TU.	4 32	7 37	MORN
8	WE.	4 32	7 36	0 19
9	TH.	4 33	7 36	0 48
10	FR.	4 34	7 36	1 23
11	SA.	4 35	7 35	2 6
12	S	4 35	7 35	3 0
13	MO.	4 36	7 34	SETS
14	TU.	4 37	7 34	8 53
15	WE.	4 38	7 33	9 22
16	TH.	4 39	7 33	9 47
17	FR.	4 39	7 32	10 9
18	SA.	4 40	7 32	10 28
19	S	4 41	7 31	10 46
20	MO.	4 42	7 30	11 4
21	TU.	4 43	7 29	11 25
22	WE.	4 44	7 29	11 48
23	TH.	4 45	7 28	MORN
24	FR.	4 46	7 27	0 16
25	SA.	4 47	7 26	0 52
26	S	4 48	7 25	1 39
27	MO.	4 48	7 24	2 35
28	TU.	4 49	7 23	RISES
29	WE.	4 50	7 22	8 16
30	TH.	4 51	7 21	8 46
31	FR.	4 52	7 20	9 13

AUGUST.

Moon's Phases.

	Day.	h	m
LAST Q'RTER.	4	4	57 P.M.
NEW MOON...	11	10	10 P.M.
FIRST Q'RTER.	20	1	3 A.M.
FULL MOON...	27	7	39 A.M.

D. of M.	Day of Week	Sun Rises h m	Sun Sets h m	Moon R. & S. h m
1	SA.	4 53	7 18	9 36
2	S	4 54	7 17	9 58
3	MO.	4 55	7 16	10 23
4	TU.	4 56	7 15	10 50
5	WE.	4 57	7 14	11 23
6	TH.	4 58	7 12	MORN
7	FR.	4 59	7 11	0 3
8	SA.	5 0	7 10	0 53
9	S	5 1	7 9	1 51
10	MO.	5 2	7 8	2 56
11	TU.	5 4	7 6	SETS
12	WE.	5 5	7 5	7 50
13	TH.	5 6	7 4	8 11
14	FR.	5 7	7 2	8 31
15	SA.	5 8	7 1	8 49
16	S	5 9	6 59	9 7
17	MO.	5 10	6 58	9 28
18	TU.	5 11	6 56	9 50
19	WE.	5 12	6 55	10 16
20	TH.	5 13	6 53	10 47
21	FR.	5 14	6 52	11 27
22	SA.	5 15	6 50	MORN
23	S	5 16	6 49	0 17
24	MO.	5 17	6 47	1 19
25	TU.	5 18	6 46	2 30
26	WE.	5 19	6 44	3 48
27	TH.	5 20	6 43	RISES
28	FR.	5 21	6 41	7 38
29	SA.	5 22	6 39	8 1
30	S	5 23	6 38	8 25
31	MO.	5 24	6 36	8 53

CHICAGO ALMANAC.

1874.

SEPTEMBER.

Moon's Phases.

	Day.	h	m
LAST Q'RTER.	2	11	4 P.M.
NEW MOON...	10	0	20 P.M.
FIRST Q'RTER.	18	5	15 P.M.
FULL MOON...	25	4	17 P.M.

D. of M.	Day of Week	Sun Rises h m	Sun Sets h m	Moon R. & S. h m
1	TU.	5 25	6 35	9 24
2	WE.	5 26	6 33	10 1
3	TH.	5 27	6 31	10 48
4	FR.	5 28	6 29	11 44
5	SA.	5 30	6 28	MORN
6	S	5 31	6 26	0 47
7	MO.	5 32	6 24	1 55
8	TU.	5 33	6 22	3 4
9	WE.	5 34	6 21	4 11
10	TH.	5 35	6 19	SETS
11	FR.	5 36	6 18	6 56
12	SA.	5 37	6 16	7 14
13	S	5 38	6 14	7 33
14	MO.	5 39	6 12	7 53
15	TU.	5 40	6 11	8 16
16	WE.	5 41	6 9	8 45
17	TH.	5 42	6 7	9 21
18	FR.	5 43	6 5	10 7
19	SA.	5 44	6 3	11 3
20	S	5 45	6 2	MORN
21	MO.	5 46	6 0	0 7
22	TU.	5 47	5 58	1 20
23	WE.	5 48	5 56	2 38
24	TH.	5 49	5 54	3 58
25	FR.	5 51	5 53	5 15
26	SA.	5 52	5 51	RISES
27	S	5 53	5 49	6 52
28	MO.	5 54	5 47	7 21
29	TU.	5 55	5 46	7 57
30	WE.	5 56	5 44	8 43
31	.....	.....	.....	.....

OCTOBER.

Moon's Phases.

	Day.	h	m
LAST Q'RTER.	2	7	48 A.M.
NEW MOON...	10	5	11 A.M.
FIRST Q'RTER.	18	7	39 A.M.
FULL MOON...	25	1	31 A.M.
LAST Q'RTER..	31	8	10 P.M.

D. of M.	Day of Week	Sun Rises h m	Sun Sets h m	Moon R. & S. h m
1	TH.	5 57	5 43	9 37
2	FR.	5 58	5 41	10 40
3	SA.	5 59	5 39	11 47
4	S	6 0	5 37	MORN
5	MO.	6 2	5 36	0 56
6	TU.	6 3	5 34	2 3
7	WE.	6 4	5 32	3 8
8	TH.	6 5	5 30	4 10
9	FR.	6 6	5 29	5 11
10	SA.	6 7	5 27	6 11
11	S	6 8	5 26	SETS
12	MO.	6 9	5 24	6 20
13	TU.	6 10	5 22	6 47
14	WE.	6 11	5 21	7 20
15	TH.	6 13	5 19	8 2
16	FR.	6 14	5 18	8 52
17	SA.	6 15	5 16	9 52
18	S	6 16	5 14	10 59
19	MO.	6 17	5 13	MORN
20	TU.	6 19	5 11	0 12
21	WE.	6 20	5 10	1 28
22	TH.	6 21	5 8	2 45
23	FR.	6 22	5 7	4 4
24	SA.	6 23	5 5	5 24
25	S	6 25	5 4	RISES
26	MO.	6 26	5 2	5 49
27	TU.	6 27	5 1	6 32
28	WE.	6 28	5 0	7 25
29	TH.	6 29	4 58	8 27
30	FR.	6 31	4 57	9 34
31	SA.	6 32	4 55	10 45

CHICAGO ALMANAC.

1874.

NOVEMBER.

Moon's Phases.

	Day.	h	m	
NEW MOON...	8	11	44	P.M.
FIRST Q'RTER.	16	8	4	P.M.
FULL MOON...	23	11	44	A.M.
LAST Q'RTER.	30	0	39	P.M.

DECEMBER.

Moon's Phases.

	Day.	h	m	
NEW MOON...	8	6	16	P.M.
FIRST Q'RTER.	16	6	34	A.M.
FULL MOON...	22	11	6	P.M.
LAST Q'RTER..	30	8	46	A.M.

D. of M.	Day of Week	Sun Rises h m	Sun Sets h m	Moon R. & S. h m
1	S	6 33	4 54	11 54
2	Mo.	6 34	4 53	MORN
3	Tu.	6 35	4 52	1 0
4	We.	6 37	4 50	2 2
5	Th.	6 38	4 49	3 4
6	Fr.	6 39	4 48	4 4
7	Sa.	6 40	4 47	5 5
8	S	6 42	4 46	6 6
9	Mo.	6 43	4 45	SETS
10	Tu.	6 45	4 44	5 21
11	We.	6 46	4 43	6 0
12	Th.	6 47	4 42	9 48
13	Fr.	6 48	4 41	7 45
14	Sa.	6 50	4 40	8 49
15	S	6 51	4 39	9 58
16	Mo.	6 52	4 38	11 11
17	Tu.	6 53	4 37	MORN
18	We.	6 54	4 36	0 25
19	Th.	6 56	4 36	1 39
20	Fr.	6 57	4 35	2 55
21	Sa.	6 58	4 34	4 13
22	S	6 59	4 33	5 34
23	Mo.	7 0	4 33	RISES
24	Tu.	7 2	4 32	5 8
25	We.	7 3	4 32	6 7
26	Th.	7 4	4 31	7 15
27	Fr.	7 5	4 31	8 27
28	Sa.	7 6	4 30	9 39
29	S	7 7	4 30	10 48
30	Mo.	7 8	4 29	11 52
...

D. of M.	Day of Week	Sun Rises h m	Sun Sets h m	Moon R. & S. h m
1	Tu.	7 9	4 29	MORN
2	We.	7 10	4 29	0 54
3	Th.	7 11	4 29	1 55
4	Fr.	7 12	4 28	2 56
5	Sa.	7 13	4 28	3 57
6	S	7 14	4 28	5 1
7	Mo.	7 15	4 28	6 5
8	Tu.	7 16	4 28	7 10
9	We.	7 17	4 28	SETS
10	Th.	7 18	4 28	5 39
11	Fr.	7 19	4 28	6 41
12	Sa.	7 20	5 28	7 50
13	S	7 21	4 28	9 2
14	Mo.	7 21	4 29	10 14
15	Tu.	7 22	4 29	11 25
16	We.	7 23	4 29	MORN
17	Th.	7 24	4 29	0 38
18	Fr.	7 24	4 30	1 53
19	Sa.	7 25	4 30	3 9
20	S	7 25	4 31	4 29
21	Mo.	7 26	4 31	5 50
22	Tu.	7 26	4 32	7 8
23	We.	7 27	4 32	RISES
24	Th.	7 27	4 33	6 2
25	Fr.	7 28	4 33	7 17
26	Sa.	7 28	4 34	8 30
27	S	7 28	4 35	9 39
28	Mo.	7 28	4 36	10 43
29	Tu.	7 29	4 36	11 45
30	We.	7 29	4 37	MORN
31	Th.	7 29	4 38	0 46

FRIDAY 2

2

SATURDAY 3

SUNDAY, JANUARY 4, 1874.

Dec. 25 1 book "Health"
March 2" "Museum E. Hill
" 7 "E. Hill"

MONDAY 5

TUESDAY 6

Note of S. from La. Hill

WEDNESDAY, JANUARY 7, 1874.

THURSDAY 8

FRIDAY 9

SATURDAY, JANUARY 10, 1874.

TUESDAY, JANUARY 13, 1874.

SUNDAY 11

M. W. Henshaw started for
Washington this way.

WEDNESDAY 14

MONDAY 12

THURSDAY 15

FRIDAY, JANUARY 16, 1874.

MONDAY, JANUARY 19, 1874.

*E. J. Maynard & E. Greenwood
left by the night train for
Yla.*

SATURDAY 17

TUESDAY 20

SUNDAY 18

WEDNESDAY 21

THURSDAY, JANUARY 22, 1874.

SUNDAY, JANUARY 25, 1874.

Drove over to see Thompson
with Sharkey. On way over
saw a fine Colaptes auratus
carry a bird in his feet.

FRIDAY 23

MONDAY 26

SATURDAY 24

TUESDAY 27

Drove up to Waverly with Scott.
Took my first tramp in the
woods & shot 8 R. lateralis
& 2 Sp. monticola

WEDNESDAY, JANUARY 28, 1874.

THURSDAY 29

FRIDAY 30

SATURDAY, JANUARY 31, 1874.

SUNDAY, FEBRUARY 1

MONDAY 2

TUESDAY, FEBRUARY 3, 1874.

FRIDAY, FEBRUARY 6, 1874.

WEDNESDAY 4

SATURDAY 7

THURSDAY 5

SUNDAY 8

MONDAY, FEBRUARY 9, 1874.

TUESDAY 10

WEDNESDAY 11

THURSDAY, FEBRUARY 12, 1874.

FRIDAY 13

SATURDAY 14

SUNDAY, FEBRUARY 15, 1874.

WEDNESDAY, FEBRUARY 18, 1874.

MONDAY 16

THURSDAY 19

TUESDAY 17

3

FRIDAY 20

SATURDAY, FEBRUARY 21, 1874.

TUESDAY, FEBRUARY 24, 1874

SUNDAY 22

WEDNESDAY 25

Attended the 4 military ball at
Concord with Charlie C. & R. Deane
I had a remarkably good time.
Attendance good in spite of
a very heavy snow storm. Spent
the night at the hotel.

MONDAY 23

THURSDAY 26

FRIDAY, FEBRUARY 27, 1874.

MONDAY, MARCH 2, 1874.

SATURDAY 28

W. D. Scott left Cambridge
this morning for ~~Worcester~~
via N. B. where Purdie
accompanied him to
spend a week.

SUNDAY, MARCH 1

TUESDAY 3

WEDNESDAY 4

THURSDAY, MARCH 5, 1874.

SUNDAY, MARCH 8, 1874.

FRIDAY 6

MONDAY 9

SATURDAY 7

TUESDAY 10

WEDNESDAY, MARCH 11, 1874.

SATURDAY, MARCH 14, 1874.

THURSDAY 12

SUNDAY 15

FRIDAY 13

MONDAY 16

TUESDAY, MARCH 17, 1874.

FRIDAY, MARCH 20, 1874.

WEDNESDAY 18

SATURDAY 21

THURSDAY 19

SUNDAY 22

MONDAY, MARCH 23, 1874.

Went to school

TUESDAY 24

WEDNESDAY 25

THURSDAY, MARCH 26, 1874.

FRIDAY 27

*Went to a young man at
Concord; danced with him.
Husband had a very good*

SATURDAY 28

SUNDAY, MARCH 29, 1874.

MONDAY 30

TUESDAY 31

WEDNESDAY, APRIL 1, 1874.

Went up to Concord this
morning with John Nichols
& Alth. and Norm Tabbott
at the head.

THURSDAY 2

FRIDAY 3

SATURDAY, APRIL 4, 1874

TUESDAY APRIL 7, 1874.

SUNDAY 5

WEDNESDAY 8

MONDAY 6

4

THURSDAY 9

Monday

FRIDAY, APRIL 10, 1874.

Cash on hand	70.00	
Fare to St John	5.50	
Expenses	1.00	
Dinner	.75	Paid
Supper	.50	
Breakfast	.50	
Lunch	.75	
Board	5.40	
Child's room	1.00	
Rowing	1.00	

~~Sunday~~ DAY 11

Beatiful sunny morning. Noctua
leaves. Noctua 1-10, 1-10, 1-10
Two, 1-10, 1-10, 1-10, 1-10
the boat. Think of the
acceptance very high.

SUNDAY 12

MONDAY, APRIL 13, 1874.

Black fish off Chelonia
Gardner placidus of Hatcher's
Sometime mol. 48 1/2 Born is

TUESDAY 14

WEDNESDAY 15

THURSDAY, APRIL 16, 1874.

SUNDAY, APRIL 19, 1874.

FRIDAY 17

MONDAY 20

SATURDAY 18

TUESDAY 21

WEDNESDAY, APRIL 22, 1874.

Started for Petroleum this evening
at 9 P.M. taking the sleeping
car N. England on B. & N. B. R.
Bought our tickets for Chicago
& will sell remainder at Parkersburg.
Paid a very fair night for
the car sleeping about 10
hours.

THURSDAY 23

SATURDAY, APRIL 25, 1874.

SUNDAY 26

E. g. m. a. 20 m. S. Y. e. v. d. g. m.
Barnes agent at Baltimore
H. H. m. m. 1. H. m. a. k. N. J.

FRIDAY 24

MONDAY 27

TUESDAY, APRIL 28, 1874.

FRIDAY, MAY 1, 1874.

WEDNESDAY 29

SATURDAY 2

THURSDAY 30

SUNDAY 3

MONDAY, MAY 4, 1874.

THURSDAY, MAY 7, 1874.

TUESDAY 5

FRIDAY 8

WEDNESDAY 6

SATURDAY 9

Left Petrolene this a.m. At
Sandy Junction saw & heard
Sc. Sparrows; song like Pas. chae.
& extremely beautiful: not exactly
like that of Ag. phoeniceus, but
up into tail like Sparrows
bar. Heard also Chon. pipit.
& S. t. w. b. in

SUNDAY, MAY 10, 1874.

MONDAY 11

Cloudy wind E. Arrived at
Chatham at 11. Off to marsh off
Hastings beach. 25 pups saw
2 on beach. 4 red. Emerson
shot 2 white
Y. wintered & dead. E. seen
1st 20. A. - 100. 1st. 1st.
G. melanotos - 100. 1st. 1st.
F. B. Brown

TUESDAY 12

Clear, & lovely day. 11. 11.
Off on sail boat Charles, shot 3
coots. Saw thousands of coots
S. fuscata hundreds, S. fuscata
C. americana S. interpres.
S. mollissima, S. fuscata

WEDNESDAY, MAY 13, 1874.

Clear, wind S. E. Off on sail
boat at 11. Arrived at
S. fuscata killed 11. 1st. 1st.
B. fuscata, Swift & light, seen
with 1st. 1st. 1st. 1st.
"Dea hums" 1st. 1st. 1st. 1st.
flight etc. 1st. 1st. 1st. 1st.
Bathing down coots. A. melanotos
Constant. 1st. 1st. 1st. 1st.

THURSDAY 14

Cloudy with rain. 11. 11.
Humphreys' nest, 1st. 1st.
hole turning sharply to right
& up.

FRIDAY 15

SATURDAY, MAY 16, 1874.

TUESDAY, MAY 19, 1874.

SUNDAY 17

WEDNESDAY 20

*Thinga mbarquata shot by
Mr. Crocker of E. Boston
May 20 in neighborhood of
Boston*

MONDAY 18

THURSDAY 21

FRIDAY, MAY 22, 1874.

SATURDAY 23

SUNDAY 24

MONDAY, MAY 25, 1874.

TUESDAY 26

WEDNESDAY 27

5

THURSDAY, MAY 28, 1874.

FRIDAY 29

SATURDAY 30

SUNDAY, MAY 31, 1874.

MONDAY, JUNE 1

TUESDAY 2

WEDNESDAY, JUNE 3, 1874.

SATURDAY, JUNE 6, 1874.

THURSDAY 4

SUNDAY 7

FRIDAY 5

MONDAY 8

TUESDAY, JUNE 9, 1874.

FRIDAY, JUNE 12, 1874.

WEDNESDAY 10

SATURDAY 13

THURSDAY 11

SUNDAY 14

MONDAY, JUNE 15, 1874.

TUESDAY 16 - 75

From 1/10/1900

WEDNESDAY 16

Started for Concord at 10.05 got
there at 12.05. Stopped at
Lancaster. Staid for dinner at 1.35
Arrived at the Mt. Vernon at 7.30.
Heard great at Stone another at River.
Stumbled all the way up. I passed
at 1.30. Oh so high. Well.

THURSDAY, JUNE 18, 1874.

THURSDAY, JUNE 18, 1874.
 From 500 miles above the mouth of the
 after breakfast. On the summit saw several
 of Junco. Two bunches of Spizella, Junco, Spizella,
Junco & Junco, were seen also on
 Mt. Rich very abundant. The Junco Junco.
Py. rubra, Junco, Junco, Junco, Junco,
Junco, Junco, Junco, Junco, Junco,
Junco. All were the same. Junco.
Junco, Junco, Junco, Junco, Junco,
 Collected 5 species of Junco & Junco.
 All Junco Junco.

FRIDAY 19

Empidonax traillii 2 males
 1 E. of Monadsch. and a pair
 and two gilts of Townsend

SATURDAY 20

G. tigris sum; D. ...
D. ...
Pernambuco, Jan. ...
m.; Spiz ...
Pipilo ...

SUNDAY, JUNE 21, 1874.

Sole day
WEDNESDAY, JUNE 24, 1874.

*After tea a walk to the
4000 ft. level
the snow line is at 3700
the snow line is at 3500
the snow line is at 3200
the snow line is at 3000*

MONDAY 22

THURSDAY 25

TUESDAY 23

FRIDAY 26

SATURDAY, JUNE 27, 1874.

SUNDAY 28

MONDAY 29

TUESDAY, JUNE 30, 1874.

WEDNESDAY, JULY 1

THURSDAY 2

SUNDAY, DECEMBER 6, 1874.

76

MONDAY 4

Woke at 4 1/2. Fine day.
Went out 130 ft. in air.
7.45. All well.
Yield 3 samples down
assembling the...

3 quail 1 snipe. 2 birds made
TUESDAY 5
Clear still & sunny day. Went
East in forenoon. Had 9 shot
I killed 1 quail, 1 snipe, 1
went to the shot all the
quail 1 / 17 (100) 2 - 100 ft.
Hunted down with shot
7 snipe, killed 8 & then down
down I put...
Saw 1000 ft. up...
8 snipe, 1 quail, 1 bird.

WEDNESDAY, DECEMBER 9, 1874.

...a about in flight.
bleat still but cold. Drove
over to 9 mile pond. Hunted all
morning & started 2 snipe but did
not shoot. Found full of gulls.
Barn through...
Heard a deer go off through the
brush. Shot a...
It suddenly...
Shot 1... 1. Saw...
Hunted down a... but shot
down...
THURSDAY 7

D. M. cloudy. P. M. clear & warm with
a wind. Started off at 10 & Capt B.
drove me up to the head of the river
when I commenced & beat down
for snipe. Fired 4 shots & killed
2 snipe & found one dead that I
shot Dec. 5th. Also shot a...
P. M. went to find down shot
killed one quail & picked another
snipe 3 - quail 1, D. cornuta about.

FRIDAY 11

SATURDAY, DECEMBER 12, 1874.

SUNDAY 13

MONDAY 14

TUESDAY, DECEMBER 15, 1874.

WEDNESDAY 16

THURSDAY 17

FRIDAY, DECEMBER 18, 1874.

MONDAY, DECEMBER 21, 1874.

SATURDAY 19

TUESDAY 22

SUNDAY 20

WEDNESDAY 23

THURSDAY, DECEMBER 24, 1874.

SUNDAY, DECEMBER 27, 1874.

FRIDAY 25

MONDAY 28

SATURDAY 26

TUESDAY 29

WEDNESDAY, DECEMBER 30, 1874.

MEMORANDA.

Duplicate Mtd. birds

114 species - 200 specimens
(Jan 20 - 1874)

THURSDAY 31

Number of skins in my
first series including
large & small is to day
(Feb. 12 - 74) about 1286 -

(From Andrew Monroe)
For waterproof dressing on
shoes or boots
Beef tallow 4 parts
Balsam 1 "
Resin $\frac{1}{8}$ "

MEMORANDA.

MEMORANDA.

MEMORANDA.

W.D. Scott's Collection

Agrostis sp. 17
Compositae var. 26
... .. 10
... .. 18
... .. 30
... .. 16
Nyctaginia ... 4
Melagris gallinacea 6
... .. 7
 (Including ...

MEMORANDA.

Helicon vase many

Superb
 Response process (hanging)

Helton should
 Very fine

Major 7.500
 Response

... ..

Jat. Briton

260

Gillington

MEMORANDA.

11th. Boston & M.R.R.	1,143.50
\$5,000 U.S. Reg. Bonds 1867	5,981.25
\$5,000 " " " 1868	5,806.25
Boston 5 cts. Saving Bk	1,000.00
Suffolk " " " "	1,000.00
	165.00
	<u>15,446.00</u>

MEMORANDA.

1654 - Dart
 4165 - Shot
 6219 - Smuggler

H.B. Bailey
 Box 2451

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid.
Jan 19	Post note / diary	3 00
" 21	" " "	50
" 24	2000 small bibles, Har. Ocean	4 00
Feb 7	Four books of paper	9 40
(Frank F. Spout. 2 vol 2.60 - Stone- henge 1 vol 2.50 - Frank F. fish & fishing 1 vol 3.00 - Livingston 1 vol 2.25)		
" 13	20 paper bird boys	3 75
" 12	Portrait "Belle" pictures	1 00
" 19	Whip	1 25
" "	Maraca arrow	1 50
Feb 28	(Bird & 2000 paper boys)	37
" "	(Bradford) Fly book	8.50
" "	" " " " " " " "	3 25
" "	" " " " " " " "	2 25
" "	" " " " " " " "	1 38
Mar 17	4 collars	1 60
" "	" " " " " " " "	1 75
" "	" " " " " " " "	1 00
" "	Brian paper barrel	1 00
" "	" " " " " " " "	75
" 22	Green to load 12	1 00
" 23	Duck coat, Brown	9 00
" "	Coat, Brown	1 75
" 20	" " " " " " " "	2 00
" 22	Tickets Chicago	27 00

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid.
Jan 2	2 " " " " " "	50
" 6	1 " " " " " "	2 25
" 7	Trip to Capt. Baiter	16 00
July 10	2 weeks at Kentucky	37 88
" 15	Shooting suit	28 00
" "	Straw hat	2 00
" 18	Shoot. coat 4.00 (paid) and my old coat, Schaffu	8 00
" "	Cardigan jacket	3 00
" "	500; 44 g. rifle cartridges	6 00
" "	1000; 11 g. wads	1 75
" "	Musquito net (for head)	1 25
" "	Gift. for ladies (12 sticks)	2 50
" "	Rifle rod (at Birds)	50
" "	20 brass cartrid. unptd	
(Total)	and not paid for	2.40
Sept 26	pr brogan shoes	1 50
" "	1 " Bay State "	3 50
" "	1 " Slippers	3 00
" "	1 checked gun cover	2 00
" "	1 leather " "	1 75
" "	205 chain	50
" "	Pr Schaffu for coat & work	4 00
" 21	Journal	2 75
" "	Pins & holders	1 00
Oct 15	Duck leggings	1 50
" "	Shooting cap	1 25
Nov 2	Boots & shoes	2 00
" "	" " " " " "	2 00
" "	Gun coat	50
" "	Wire brush	75

CASH ACCOUNT. FEBRUARY.

Date.	Received.	Paid.
Nov. 16 - Leather leggings		5 50
Nov. 16 - Band Baboon & Kid. 3 vols	23 00	
Dec. 8 - Stuffed forepaws	2 75	
Ex. 1000	1 50	
1 Gall. alcohol	2 25	
" " " "	50	
" " " " " "	2 00	
Dec. 25 - Ulster overcoat	25 00	
" 28 - Cabinet for drying skins	13 80	
1875 - Blk walnut shot-box	17	
Feb. 14 - To E. G. Johnson for fitting cabinets with protection doors	25 00	
" " 4 Glass cans	40 00	
Mar 8-10 - Wooden boxes for large skins, with trays etc.	70 00	
" 8-10 - Zinc boxes	20 00	
" " 92 - Trays for same	9 20	
" 22 - Large fish basket	4 00	
" " Combination knife	4 50	
" 25 - Large tax. forepaws	1 20	
Gosse's Birds Jamaica	4 50	
May 10 - Stevens pistol-gun of	15 00	
" " 50 shells for " "	5 00	
" " Casper " " " "	60	
July 1 - Nest of N. Can. of Hays	3 00	
" " " " D. mae " "	2 00	
" 6 - Bass rod	15 00	
" " Large brass reel	9 00	
" " Solim for " "	8 50	
" 3 Buel spools	2 60	
June 22 - Of Daniel Withers, Acton	165 00	
1 bay mare 5 yls. old		

CASH ACCOUNT. FEBRUARY.

Date.	Received.	Paid.
Jan. 19 - Ref. on Jan. 19	2 50	
Aug. 1 - dog, pat, Jelona deca	3 50	
Landing net for blood	2 50	
Continuation powder measure	75	
" 2 - Mannel shirts 400	8 00	
Bordurey cap (April)	3 50	
" Wankenlass lace brots	13 50	
" Bay. Plate shoes	30 00	
" Leather case for Stephens pistol		
Oct. 8 - 1st Canib. & red (red) -	22 00	
" 20 - 1st Canib. & red (red) -	3 50	
" 2 - Mannel shirts, 400	8 00	
Dec. 7 - St. Rids 1 lb powder (red)	2 25	
for Siding Hattie		
" " 1000 - 11 g. wads (red)	1 50	
" " 12 " " (2 g. wads)	1 00	
" " 1 pair of Pas. principles	5 00	
from E. B. Town		
Jan 1 - 1876		
" 1 - Copying press	6 00	
" 1 - Letter book	1 50	
" 1 - Journal	2 60	
" 7 - Bird cap (wood) of Nibitt	7 00	
" " 12 g. am. steel barrels M. & H.	40 00	
" " 20 Express of my Va. paper	4 50	
" 10 - 1 heard hand druggists red	5 00	
Feb. 1 - 1 heard hand druggists red	20 00	
" " " " " " " "	12 00	
Jan. 15 - Painter pup, Druggist	25 00	
March - Glass globe at 60	17 00	

1876
CASH ACCOUNT. MARCH.

Date. Received. Paid.

May Combination Knife 4 00
June Board for Sunday School 2 00
July ~~Board for Sunday School~~ 2 00

July 10th pay for clothing 20 00
July 30, New buggy of 2 horses
My old buggy 100 00

July 5th Horn of Babylon
My bay mare & to boot 87.50
" New harness of Melvin 40 00

Oct 10th pay for clothing 20 00
Oct 15th pay for clothing 20 00
Oct 20th pay for clothing 20 00
Oct 25th pay for clothing 20 00
Oct 30th pay for clothing 20 00

Dec 10th pay for clothing 20 00
" " " " 3 00
" " " " 3 00
" " " " 3 00
" " " " 3 00

Weldon hunting canoe &
to Herald & Co.
The Price List
of the
Ontario
Co.
of the
of the

CASH ACCOUNT. MARCH.

Date. Received. Paid.

Oct. 10 1876
Mrs. J. J. Church
Special Agents of
Gen. Grounds

119 - 13th St.
Mrs. J. J. Church

70 West State St.
Wrentham N. J.

Oak Cam
Machinery hall
Section B - 4 columns
Wallace & Miller

Carroll (Jr.)
J. J. English
Hartington
H. J. (Jr.)
Rambol

CASH ACCOUNT.

MAY.

Date.

Received.

Paid.

CASH ACCOUNT.

MAY.

Date.

Received.

Paid.

CASH ACCOUNT. JUNE.

Date.

Received.

Paid.

CASH ACCOUNT. JUNE.

Date.

Received.

Paid.

June 23 - 1876
Expenses at Lodi, Mass.
37.25

CASH ACCOUNT. NOVEMBER.

[illegible]

CASH ACCOUNT. NOVEMBER.

Date.	Received.	Paid.
<p>Swan shot by Wm. Under at Monkey's Harbortuck Dec. 18-1878</p> <p>W. D. Minot Box 2477 Boston</p>		

CASH ACCOUNT. DECEMBER.

Date.	Received.	Paid.
1875	C. J. Maynard Dr.	Cr.
Feb. 7	For skins to be	
	Balance of mpt. 88 10	
" "	S. Am. Mchrs	24 30
" "	1 Mchrs. for (in) (to be)	
" 15	Eggs	11 80
" 20	1 skin Anas obscura	2 00
" "	1 " Sula bassana	3 00
" "	1 " Butor lineatus	1 50
" "	3 " Pel. porphyrio 2.00 =	6 00
" "	1 " Y. Canadensis to be	
	deducted as worthless	3 00
" 27	For skins & mpt. 3.80	
" 28	Yo. Eggs	1 00
" "	1 skin Pissa trydax	2 00
" 7	4 Ostrys Dr. 4 21.00 =	4 00
Jan. 1	1876	
" "	Mo. 5 skins Dend. Black	2 50
" "	2 Butor borealis juv.	6 00
" "	1 skin Copus	2 00
" "	For 1 Turdus mig	25
" "	1 Vireo gilvus	40

CASH ACCOUNT. DECEMBER.

Date.	Received.	Paid.
1875	C. J. Maynard Dr.	Cr.
Dec. 22	1873 For skins & eggs	
	before deduct. per. 39.64	
Nov. 15	1874 } C. J. M. Dr.	
	For skins 31 48	
Dec. 20	For 1 A. lagopus (mtd)	6 00
" "	" 1 Indus hudsonius (mtd)	5 00
" "	" 1 Sterna frenata (chick)	2 00
" 27	1 Sterna regia (mtd)	3 00
" "	1875	
Jan. 2	1 Pycnops nigr	3 00
" 3	1 Nyc. violaceus	8 00
" "	1 Larus argentatus	3 00
" "	1 Chroci. Phil (adlt)	1 50
" "	1 Butor ferrugineus	2 50
" 6	1 Pandion Car.	3 00
" 10	1 Bernicla ybentia	3 00
" 15	1 Pandion Car. (mtd)	5 00
" "	1 Phil. minor (mtd)	1 00
" "	1 egg Columba leucophaea	5 00
" "	Yo. 72 from skins 78 48	
" "	9 first class 27 25	
" "	27 mtd 5 40	
" 27	By 9 skins, etc.	
	all good, at cat. prices	12 00
" "	25	
Jan. 7	Chan. Theophrastus	3 50
" "	My. pusillus	1 00
" "	D. discolor (mtd)	75
" "	Butor 1	1 00
" "	over 157 10	63 00

SUMMARY OF CASH ACCOUNT.

MEMORANDA.

		Received.	Paid.	Date.	Dollars.	Page
		98 75				
JAN	Wright of York		7 89			
FEB	Wright of York		7 12			
MAR						
APR						
MAY						
JUNE						
JULY						
AUG						
SEPT						
OCT						
NOV						
DEC						

Long hrime 40 line XII = 440
 Bourgeois 1p. = 44 X 12 = 524
 J. Casson painter
 32 Sudbury St.

MEMORANDA.

Date.

Dollars Cts.

W. Stone
Bonijos
County
Col.

W. Herrick
Can. Iron Works
Lockwood, Broadway
N. Y. City

Nathan Clifford Brown
Cor. Bowdoin & Congress St
Portland

Prof. Crocker, 87 1/2 St. W. Bowdoin
near Congress St

Charles Day 6
Near Post Office

G. W. Smith 124 Commercial

MEMORANDA.

Date.

Dollars Cts.

J. F. Cherry
Care W. J. Fisher Ex Agent
Eastport, Me

W. Gardner
317 Washington St.

J. C. Melvin
160 S. Main St.

Don C. French
Care Preston Powers,
Viale Via Farinata degli Uberti
Firenze
Italia

G. Hart Merriam
P. O. Box 1088
New Haven

Henry W. Hinshaw
1813 G. St.
Washington D. C.

MEMORANDA.

Date.	Dollars.	Cts.
Michael Britt 29 Webber St. Roxbury Boston		
Artificial flies		
Mark Procter Swampscott Mass.		
Will shoot winter birds, gulls &c. to order		
Andrew Monroe 39 Merchants row Boat maker		
Chas. B. Cory 8 Arlington St. Boston		

MEMORANDA.

Date.	Dollars.	Cts.
W. L. Braese 37 E. 22 nd St N. Y.		
H. L. Leonard Bangor Me Split bamboo rods 30. - 40. 00		
C. V. Holden 542 W. Monroe St. Chicago.		
B. Winslow 94 State cor Congress St. Portland Me		
Channery E. Bow 36 Reuser St. Brooklyn N.Y.		

MEMORANDA.

Date.

Dollars. Cts.

C. F. Barstow
79 Worcester St.
Boston

W. Herrick
247 W. 42nd St.
202 Broadway, N. Y.

J. G. Bell
335 Broadway
N. Y.

J. Wallace
19 N. William St.
New York

J. Akhurst
19 Prospect St.
Brooklyn

Geo. N. Lawrence
45 E. 21st St.
N. Y.

J. Krider
Walnut cor 2nd St.
Phil.

~~H. W. Bushman~~
~~1741 E. St. N. Y.~~

Wm A. Thompson
221 Washington St
Boston

J. Nesbitt
Mill St foot of
Hoboken St.

E. F. Hunt
Care W. W. Clark
Sav. Co.

H. minor middle Jan
in Brooklyn A. Smith
Perzaria moultonensis. ♂
at Goddard's Street in
vicinity of Boston April 20
1874
W. H. Draper
112 E. 12 St.

Blk. Pine bear

Board at Godwins - 1874

71.81

Bird skins 44 Dec 4.40

Yanagers

2 Grosbeaks

May West Nov. 15 - 70

Depth (thick) 18 inch
Large inside 17 x 27

Small 3.00 13 1/4 x 17

Take 2 inches each way for
exterior dimensions

Bartholomew 1st May 1871

Long Green Emeralds

Dec. 71 Blue Spring

Long Green Matt
Ground 13 1/2 x 8 1/4 - 26 1/2
170

On the 7th E. M.
Field Cory & Draper
Drake Shooter by Long
Mr. Draper
48 x 34 x 14 Show can at Draper
118 Federal St

Condition 10 1/2 x 10 1/2 x 11

Chas. A. Allen
with 13 skins (med)
May 24

Necrosis
Phil. & Engle

Watson & Co.

J. A. Allen Long Green Matt
East Gaffney N. H. high dia
Case No. B. Aldrich
Large 8 1/2 7 1/2
Small 5 3/4 5 3/4

Collect for Collins

Mel. vultus 3 1.75
Winn. Hud. 1 - 1.50
Som. mollis. 2 per.
Oidim. Am.
Pl. perspic.
Pict. Columbianus
Tetras Can. 3 2
Mimus poly. 10 eggs
Murre gull

